Special Commission of Inquiry

into Healthcare Funding

Before: The Commissioner, Mr Richard Beasley SC

At Level 2, 121 Macquarie Street, Sydney, New South Wales

Wednesday, 29 November 2023 at 10.00am

(Day 003)

Mr Ed Muston SC	(Senior Counsel Assisting)
Mr Ross Glover	(Counsel Assisting)
Dr Tamsin Waterhouse	(Counsel Assisting)

Also present:

Mr Richard Cheney SC with Mr Hilbert Chiu for NSW Health

THE COMMISSIONER: Yes, Mr Glover. 1 2 3 MR GLOVER: Thank you, Commissioner, yesterday before the start of the evidence I handed up a tender list by way of 4 Just to ensure it is reflected in the record, 5 bulk tender. I dealt with the tender of the joint report, which is A1, 6 7 but I also, as part of that bulk tender, tender documents which have been notionally marked as exhibits A2 to A52 in 8 that list. 9 10 EXHIBIT #A2-A52 BULK TENDER OF DOCUMENTS MARKED A2 TO A52 11 AS IDENTIFIED IN TENDER LIST 12 13 <NIGEL LYONS, on former oath: [10.02am] 14 15 <KERRY CHANT, on former affirmation:</pre> 16 [10.02am] 17 <DEBORAH WILLCOX, on former affirmation:</pre> [10.02am] 18 19 20 MR GLOVER: Can we have the joint report [MOH.9999.0001.0001] put up on the screen, please, and we 21 22 will go to paragraph 80. 23 24 Ms Willcox, we're still in your section of the report 25 so I will start directing these questions to you, but, like vesterday, if any of Dr Chant or Dr Lyons wish to add at 26 27 any time, please feel free to do so. 28 29 In this section of the report, the concept of preventative health is dealt with, and we touched on this a 30 31 little bit yesterday, but what I would like to do to start today is explore what that concept is, what it involves and 32 33 how it is currently being managed within the system. What 34 is within the ambit of preventative health? 35 36 MS WILLCOX: Good morning and thank you. I will pass over to Dr Chant shortly. I'll just make some initial comments. 37 38 39 So preventative health, as the submission highlights, 40 is a joint responsibility across both governments and primary care, of course. 41 42 43 In NSW Health, our community health centres would be one of the key locations where we have programs around 44 weight management, diet, exercise, avoidance of smoking, 45 alcohol and the like - those preventative measures that we 46 47 know from a very strong evidence base to keep people well

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and avoid the development of chronic disease or
 hospitalisation for other reasons.

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We have a number of programs across the state. There's a myriad of initiatives. We focus very much too on the ageing and frailty, attending to issues that may lead people to fall, so falls programs are a very common preventative program across the state. Exercise routines such as Tai Chi, for instance, are very popular in our older communities in terms of keeping people strong and balanced and well and avoiding injury from fall or frailty.

The ability to improve our interaction with patients 13 in more opportunistic ways across the system - so, for 14 15 instance, if a patient is coming in for surgery, they would routinely go to a preadmission clinic. There would be 16 chest x-ray, perhaps, and bloods taken, but there might be 17 discussions around weight, smoking, mobility - anything 18 19 that can be done to contribute to a better outcome for that surgery, for instance. 20

22 I think one of the things Dr Chant would probably want 23 to add to the discussion today is just how we increase that opportunistic - I don't mean that in a pejorative sense, 24 25 but in a positive sense - how wherever we interface with 26 patients and consumers we can be contributing to some of 27 the preventative health opportunities that we can support them with, and that they can actually do self-managed 28 29 preventative care is a very positive option. Not everybody needs a program or a clinician to support them. 30

MR GLOVER: Just before I go to Dr Chant for that purpose, you mentioned, as it is set out in the submission and in the report, that it is a joint responsibility across governments. How is that joint responsibility being delivered at the moment?

MS WILLCOX: There is a National Preventative Health Strategy, a 10-year strategy that the Commonwealth produced along with the states, which guides some of the population/nationwide preventative health measures that are important to the wellbeing of the community.

I think I would probably now throw to Dr Chant to talk in detail. It is really in her bailiwick, thank you.

DR CHANT: Thanks you very much for the question. Perhaps

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just if we take it step by step through the process and we 1 2 look at some of the primary determinants of the healthy 3 population. They're going back to of the social So the places where people live 4 determinants of health. 5 and work can really influence health. For instance, if we 6 have reduced travel times, we have more time for leisure, 7 physical activity, able to have time to prepare meals.

If we have walkable parks that are safe, well lit, we reduce social isolation, promote physical activity. So the environments in which we live can shape, can be a positive factor that can support people to adopt those healthy behaviours and lifestyles.

15 Government also has a key role in regulation, so 16 setting things like tobacco regulation. We've heard 17 recently Minister Butler that has announced the 18 Commonwealth reforms in e-cigarettes. So regulation is 19 also a whole of government initiative and those things can 20 enable a health-promoting environment in which we live.

In terms of primary care - this goes to the joint responsibility across governments - primary care is an important setting for prevention. Things like the regular health checks, skin checks, cancer screening, all of those things are important, as well as regular blood pressure checks, management of high cholesterol.

These are preventable risk factors that can be modified by, in some cases, advice around healthy diet, maintaining healthy weight, physical activity, as well as, in some cases, it may require medication or more formal treatment. So that's again a pivotal role of general practice.

36 We then perhaps can categorise a set of conditions 37 whereby they're more likely to be secondary prevention, so people already have disease, but we know that even smoking 38 39 reduction in someone that already has lung disease can slow 40 progression, or heart disease, guitting smoking can actually improve outcomes quite radically. 41 So this would be, for instance, things that primary care would do, but 42 43 that also may occur in our system where people are touching our system, be it for cancer diagnosis, heart diagnosis, 44 lung diagnosis, those conversations around smoking 45 cessation and supporting people to quit smoking. 46 47

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We also have, for instance, very good evidence that 1 2 physical activity, if you're on cancer treatment, actually can improve your outcome. So again, incorporating some of 3 these lifestyle modification programs within our care 4 5 pathway is actually strongly evidence based and --6 7 MR GLOVER: I'm sorry to cut you off, just from that answer, do I understand it that primary care is 8 a significant deliverer, if I could put it that way, of 9 preventative health? 10 11 12 DR CHANT: Yes. Primary care is the first port of call who would do the majority of the clinical preventative 13 care, as I have described that more whole of government 14 15 prevention sort of setting, but in terms of clinical engagement around primary/secondary prevention, clearly 16 primary health care is very heavy lifter in that space 17 18 19 MR GLOVER: Although when people come into hospital, there are other opportunities to deliver preventative health 20 measures to improve their overall health and outcomes. 21 22 23 DR CHANT: That's correct, and for some of our services 24 also we provide access to those that may not be connected 25 to primary care. We talked earlier yesterday about some of the barriers to accessing primary care, be they 26 27 rural/regional and distribution of general practice, all the way through to the fact that the client may not have 28 29 financial means, transport. 30 31 So our services provide an opportunity for engagement 32 in that broader health promotion, with the aim ideally to 33 connect them back to a primary care setting, but in the 34 meantime, it presents opportunities for us to look at 35 tobacco cessation, we may look at other screening, and 36 addressing immediate - whilst we're addressing other health concerns of the individual, it's an opportunity for us to 37 do other preventative care, including things like 38 39 immunisation as well. 40 MR GLOVER: How well is primary care delivering those 41 preventative health services? 42 43 I think primary care is doing a lot of the 44 DR CHANT: I would just like to say, if we look at our 45 heavy lifting. vaccination coverage for our under 5s, which I described 46 47 yesterday, we have around 95 per cent immunisation coverage

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when we get to that five-year mark. The vast majority in
 New South Wales context is done by general practice.

So general practice is obviously doing a lot of the 4 heavy lifting in this respect. You may hear from them 5 about whether the funding adequately supports the focus on 6 7 prevention, whether the funding supports the full scope of other multidisciplinary practitioners in their practice 8 taking their full scope - for instance, things like nurses 9 being able to claim potentially Medicare benefits for the 10 immunisation independently would be an example where that 11 12 scope might be considered safe and appropriate. So there might be other roles that could be done in a broader 13 multidisciplinary team. I think you'll hear some of those 14 15 comments if you engage with the primary care practitioners.

17 THE COMMISSIONER: The MBS items and the fee for service 18 that have been direct or created to provide pathways for 19 preventative health like the GP management plans and things 20 of that nature - are you aware of published evaluations 21 about those, about what the outcomes have been from those 22 changes to the MBS over the last 20-odd years?

24 DR CHANT: I think we could provide some evidence perhaps 25 around some of the health-screening items more in the 26 Aboriginal health - the introduction of the 715 health 27 screening, and some of the evaluations.

DR LYONS: To answer your question, Commissioner, I'm not aware of any evaluation around those particular changes to the MBS that you referred to, and that's something we could investigate further.

34 THE COMMISSIONER: You read many reviews, including from 35 the Productivity Commission, which will analyse or provide 36 opinions regarding ABF and fee for service and say neither really promotes preventative health measures. 37 Then 38 I think, or imagine, to address that, items have gone on 39 the MBS - you know, like the management plans I mentioned. I either haven't found or haven't had brought to my 40 attention how effective these things are. Bearing in mind, 41 I think, the reports also say that for any preventative 42 43 health measure, getting the evidence is difficult, partly because it is such long term. 44

46 DR LYONS: That is an ongoing challenge. I think if you 47 look at these things in totality, episodic care, such as

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the opportunities that we have to intervene when people are 1 with our services are not the best place - they are an 2 3 important opportunity to promote healthy lifestyles and activities that will improve outcomes for people and 4 5 changes, but a lot of those changes require individuals to 6 have behavioural change over a longer term. That needs to 7 be through a reinforcement and support for those changes in an ongoing relationship, which is where primary care is 8 9 best placed to deliver that.

I think we need to look at these things in the context 11 12 of the health promotion activities that we can do for a community at population health level, which carry very much 13 a primary prevention, and then there's the secondary 14 15 prevention in which we all have a very big part to play. Secondary prevention is very much where we believe our 16 services should focus their activities certainly in the 17 acute settings at least. 18

20 THE COMMISSIONER: Thanks.

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- 22 MR GLOVER: Picking up on one of the Commissioner's 23 questions, I take it that some preventative health 24 activities take a long time to see the benefit in the 25 system; would that be right?
- 27 DR CHANT: Some do but some don't.
- 29 MR GLOVER: Are there some examples of more immediate 30 results?
- DR CHANT: Yes. For instance, we know that the role of primary care, particularly in STI screening, is probably a very classic example, where diagnosing sexually transmitted infections and effectively treating those, where there is an effective treatment. That is a classic example.
- Vaccination, where we know that if you vaccinated for the flu season, you're going to reduce your admissions to hospital for those that have been identified as requiring the vaccination. So there's a clear link.

Tobacco cessation, as I said, although it provides a longer term, we know that even stopping tobacco smoking prior to surgery will improve your postoperative recovery. So for many things, it can be quite short term.

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1 2	But what is important is we also have very strong
3	evidence that changing those behaviours will change
4	long-term outcomes. So we don't actually need to do the
5	long-term outcomes; we know in itself that if weave helped
6	someone quit smoking, that we don't then need to measure,
7	because we can draw on other studies that show that that's
8	beneficial for them to be off smoking.
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10	MR GLOVER: Those are measures that not only improve the
11	health of the individual but do they also reduce demand
12	over time on the public hospital system?
13	DD CHANT. Man there do have a we been that many of
14	DR CHANT: Yes, they do, because we know that many of
15	those risk factors cause a multiplicity of chronic
16	diseases, and what we would be aiming to do is to support
17 18	people to live healthier lives, chronic disease free lives.
18	MR GLOVER: To the extent that preventative care is
20	delivered in the public hospital system, how is that
20	funded? Is that wholly funded by the state or is there
22	a Commonwealth contribution to it?
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24	DR CHANT: It would be picked up under the activity based
25	funding system and then there are particular payment
26	programs.
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28	DR LYONS: There are programs that are funded centrally.
29	Those are funded through a block, often, through specific
30	programs that are directed towards health promotion
31	activities and prevention activities.
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33	THE COMMISSIONER: Are these short-term programs or
34	time-limited programs?
35	DD LVONC. No they are actually arrained this - like
36	DR LYONS: No, they are actually ongoing, and things like
37 38	the work we do on screening programs and
38 39	MS WILLCOX: "Munch & move".
40	HS WILLEOX. Hunch & move .
40 41	DR LYONS: "Munch & Move".
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43	DR CHANT: They are probably different in state based
44	funding. There's a number of shared screening programs
45	that we would have a role in, so bowel cancer,
46	BreastScreen. The part we pay in the funding varies. For
47	instance, in the mammography, I understand - we will have

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to check - it's a shared funding arrangement with the
Commonwealth, in terms of that. But we may fund some
additional work on targeting those that are hard to reach
or where participation in the program is identified to be
less than usual, and in that's specific programs.

7 DR LYONS: There are those specific programs. But then the other components would be included in the care 8 activities that are occurring that would be funded through 9 There is not a specific component of that that 10 activity. I am aware of that relates to prevention; it is considered 11 to be in the totality of that care and funded through those 12 13 activity arrangements.

15 DR CHANT: In relation to some of the state funding programs, there is funding, as Ms Willcox said, for some 16 17 programs in the childhood space. We work in partnership with education, but we do a lot of work in early childhood 18 19 settings. A program called Munch & Move which again is trying to educate and support healthier eating and physical 20 activity that's appropriate in that setting. 21

We also work in partnership with schools. We do work with curriculum in schools to support education incorporate health in all its dimensions and, most recently, we've been doing some work to embed, for instance, e-cigarettes, in age-appropriate guidance on e-cigarettes within the health curriculum in schools.

So they're just examples of state funded programs that 30 31 really address this work. We've also done some work around healthy canteens in schools and supported education in 32 33 Again, a lot of those have been programs that have that. 34 been supported by whole of government approach. There has 35 been a recognition around the focus on young children and recognition that some of the trajectory for the risk 36 factors of being above a healthy weight and not physically 37 So again, it supports the work 38 active are set very early. 39 in this early intervention space particularly for families. 40

THE COMMISSIONER: Can I just ask a question I should know
the answer to but I don't, so I have to ask the question.
In the Productivity Commission's "Shifting the Dial" review
back in August 2017, when it was dealing with the issue of
the topic of changes to hospital funding, in relation to
activity based funding, it said this:

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1 2 3 4 5 6 7 8	If there are better ways of changing activity-based funding to give [local health networks] or [primary health networks] the incentives to improve health status, and avoid hospitalisations, hospital durations and other health care costs, then implement [them].
9	It said:
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11 12	One way of formalising a new approach would be to establish a Prevention and
13	Chronic Condition Prevention and Management
14	Fund in each local health district with
15	both the Australian Government and
16 17	state governments [contributing].
18	Did that happen?
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20	DR LYONS: Not to my knowledge.
21 22	THE COMMISSIONER: Can I also ask this, just while we're
23	on this topic. Again, I don't know the answer to this but
24	I probably should. I'm sure you would be aware, there was
25	a Queensland review a few years back, it must have been
26 27	right in the middle of the pandemic, "Unleashing the
27 28	potential: an open and equitable health system". Are you aware of that review?
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30	DR LYONS: Not the detail of it, Commissioner
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32 33	THE COMMISSIONER: It was published in August 2020, so it was right in the middle of the pandemic. But one of the
34	recommendations was to amend what would be the equivalent
35	of our Health Services Act to add prevention and population
36	health as activities and responsibilities for the LHDs, our
37	equivalent of LHDs. I know it's not in the Act but is that
38 39	incorporated in the service agreements?
40	DR LYONS: It has always been - I won't talk to the
41	details, but
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43	THE COMMISSIONER: It might depend on how you read the
44 45	functions under the Act as to whether it's incorporated already.
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47	DR LYONS: Yes. Certainly it's a component of the

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responsibilities of the local health districts and always 1 2 has been, under all of the arrangements, that we have 3 a responsibility to the community to keep them healthy and well as well as to treat illness and diseases, so --4 5 THE COMMISSIONER: You say that's broad enough to include 6 7 prevention? 8 DR LYONS: 9 Absolutely. 10 THE COMMISSIONER: And that's the way it has been 11 12 interpreted? 13 DR LYONS: Absolutely. And, yes, there population health 14 15 teams, public health teams, health promotion teams that exist within the local health districts that have that 16 17 focus. 18 19 THE COMMISSIONER: That might be a case - well, I won't Maybe it was a case of Queensland catching up with 20 say it. New South Wales already. Who knows. 21 22 23 MR GLOVER: If we just go ahead to paragraph 174 in the There in the first line of 174: 24 report, please. 25 Preventive services and early interventions 26 27 should be strong pillars of Australia's 28 healthcare system ... 29 Are they currently? 30 31 32 DR CHANT: I think I would answer that question by saying 33 Australia does really well. Our infant mortality rates are 34 low, our life expectancy is one of the top - in the top 35 three of the world. So we do well. Can we do more and 36 with the rebalancing towards chronic disease, does that put 37 additional challenges where we need to refocus on 38 prevention, I would argue yes. 39 Living longer is just one issue. THE COMMISSIONER: 40 The real issue, especially for the cost of the health system, 41 is living long but if you're living longer with chronic 42 43 disease, then that's expensive. 44 45 DR CHANT: That's correct. 46 47 THE COMMISSIONER: And not great for people, either.

. 29/11/2023 (003) 199 DR LYONS/DR CHANT/MS WILLCOX Transcript produced by Epiq DR CHANT: And not great, yes, that's right. So I think what we would really want to look at is making sure that people had lived very healthy lives into age, but healthy, active lives that were mentally challenging and socially inclusive.

So whilst I comment on length of life, I suppose I can give you a whole range of metrics that we actually do well in - disability adjusted life years lost, all of those metrics. I think we need to position Australia as well we have adopted a lot of prevention screening programs, we have rolled out a lot of vaccines, we have had a lot of access to those things.

16 Do we need to do more? I would say yes. Do we need to align - I suppose we need to think about the challenges 17 that are laid out by the way the burden of disease has 18 19 changed and we need to pivot and evolve our funding systems and our systems to deal with the challenges facing us. 20 But it's not only a health issue. I hope you've heard from the 21 testimony we've given that, really, this is a whole of 22 23 government issue and it cuts across multiple levels of 24 government.

26 DR LYONS: Just to use a single example which I think is 27 illustrative. If we had people that were all a healthy weight, we would hugely reduce the burden of both 28 29 osteoarthritis and musculoskeletal conditions, and that leads to joint replacement surgeries, which have a huge 30 31 impact; and also diabetes, which has huge implications for the costs of delivering health care and implications for 32 people in terms of living healthy lives. Just that one 33 change alone - and it would have other flow-on effects to 34 35 other conditions as well.

37 DR CHANT: Cancer, cardiovascular disease.

DR LYONS: Cancer and a lot of other things. But that is
 one example that that is not just a health issue, that's
 a whole of society issue.

THE COMMISSIONER: Can I just ask two things that flow
from that. One, I fully accept that best preventative
health measures, plans, programs, aren't defined
necessarily by how much money is spent on them, it's how
well they are designed and then implemented, because it's

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But we've heard various figures or percentages 1 so complex. 2 about how much either Australia or New South Wales spends 3 on preventative health as a percentage of total health So I've seen 2 per cent, I've seen larger 4 expenditure. 5 than 2 per cent. The Productivity Commission, I'm sure 6 I have seen, Australia-wide, 1.5 per cent, with other 7 equivalent relatively First World nations higher. Is there a definitive figure as to how much either New South Wales 8 or Australia spends on preventative health as a percentage 9 of the health spend? 10

DR CHANT: There are definitions that are meant to capture it, but it's actually very difficult to do so, and there has to be caution applied in any comparisons. I'll give you an example.

In New South Wales, we have reasonably high levels of 17 water fluoridation which prevents dental caries, which 18 19 prevents other issues. That is funded and supported, local councils do that, and there is a subsidy provided by 20 government to councils for the renewal of the plants and we 21 22 support local councils to implement that. That would be 23 different in other states and territories. I have talked about some of the --24

THE COMMISSIONER: That's an example of preventative health, though, where the population or the people don't have to do anything because it's in the water.

30 DR LYONS: Yes.

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DR CHANT: But there are costs. There are cost associated with renewal of the infrastructure and supporting the councils with that, so that's a choice with that. I suppose my point was the boundaries of how you capture it and define it are very challenging and various estimates are there.

Another example, for instance, is there's good evidence around brief interventions for tobacco and, as I said, how do we capture everything, every time our doctors, interns, residents are doing that? But there's really good evidence and it only needs to be a one-minute line to reinforce the importance and then the GP following up.

47 THE COMMISSIONER: Tobacco is an example where someone

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does have to do something - you have to stop smoking. 1 But 2 to go, I think, to both of your points, Dr Lyons and Dr Chant, about whole of government, there has been a whole 3 of government approach to tobacco because of the changes to 4 5 In the course of my life, it used to be advertising. 6 Paul Hogan on TV. Now there is no TV, there is no sports 7 sponsorships, plain paper packaging. I'll just forget to raise it if I don't continue, but what we're told is, in 8 terms of prevention, how important obesity is, because it 9 leads to so many --10

12 DR CHANT: Issues, yes.

THE COMMISSIONER: -- different health conditions. 14 I was 15 reading the other day that in the last - it might only be since 1992, maybe, Britain has had 20 or more obesity 16 But that's where whole of government is important 17 plans. because it's one thing for NSW Health to develop a plan, 18 19 but if people are inundated with advertising for processed foods and sugary drinks, it's very difficult for health to 20 get much traction in a prevention plan. 21 Is that a reasonable observation? 22

- MS WILLCOX: 24 Yes. I think it goes to a number of the 25 things that Dr Chant talked about yesterday and touched on this morning around - urban planning is a very important 26 27 area. I know that Dr Chant will talk to this but the NSW Food Authority and labelling of foods and enabling people 28 29 to make the right choices when they go into a supermarket is not necessarily that easy, the way labelling is done and 30 31 I know there is work with the Food Authority.
- 33 DR CHANT: And health ministers. So I think tackling 34 people being above healthy weight is a major issue for us, 35 and also getting people physically active as well. So we 36 want to also focus on the multiple risk factors. As I've defined, there's a lot of enablers for that which sit 37 38 outside government.

But health has a key role in advocacy or presenting the evidence or working with its partners, and there has actually been a lot of work on obesity, particularly childhood obesity, in New South Wales. We've rolled out height and weight measures and linkage to care. We've got programs that I've articulated.

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We've got a program in maternity services called "Get

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Healthy in Pregnancy". So women are supported through with 1 2 specialist practitioner support to maintain healthy weight 3 and diet and exercise through pregnancy. That has been well adopted through a health coaching model. 4 So there are 5 a range of initiatives, but you're correct in saying that to tackle these very complex issues, it does require whole 6 7 of government and a discussion with the community around how do we work together. This is really going to have to 8 be a partnership between all levels of government, 9 industry and people --10 11 12 THE COMMISSIONER: And it's also a preventative health measure, without needing to go into the details, I think, 13 where there's opposition because of commercial interests, 14 15 or retail --16 17 DR CHANT: There are particular views around that, but I hope that you've taken it from our perspective that we 18 19 believe that individuals and communities need to be supported with enabling environment and recognise that 20 there are barriers for people to take up the behaviour. 21 So it's not around making it an issue for the individual; it's 22 23 really seeing it as a community and a place-based and whole 24 of government response. 25 MR GLOVER: Just in paragraph 175: 26 27 Low proportional investment in preventive 28 29 health, the wider determinants of health and increasing burden of chronic disease 30 31 has led to increased spending on treatments to manage conditions that could 32 33 be prevented ... 34 35 By that, do we understand that historically, et cetera. 36 the focus on those things hasn't been as you would want it, as of now? 37 38 39 DR LYONS: Our system has been responding to the demand it 40 sees in treating patients who are unwell. That has been the focus of hospitals and the local health district 41 42 service over many years, and that increasing demand we're 43 seeing means that to respond to it increasingly we're putting resources into those emergency departments, 44 hospitalisations, surgeries that people need, to make sure 45 we can treat people. 46 47

So we've tended to focus on invest engine that side, 1 proportionally, at a proportionally greater level, because 2 3 of the need and demand, and I think what we're signalling is there needs to be a shift over time to get more 4 5 proportional spending into the prevention space. But 6 that's not just a state issue. That's for everybody 7 involved in designing and delivering health services in 8 this country.

- MR GLOVER: Are there challenges in making that shift
 whilst also catering to the current demands on the public
 health system?
- DR LYONS: Absolutely. That's the challenge we're
 highlighting and the need for a refocusing. I mean, we
 shouldn't be taking away from those really important
 services we provide around treating people with disease.
 We do it very well. We need to keep that focus, but we
 need to proportionally spend more on the prevention side.
- MS WILLCOX: It's probably why it is not "probably", it is why you've seen and heard from, I'm sure, many people, including us, about the work around integrated care, caring for chronic and complex patients and how we try and keep people out of hospital and support them in the home. We have made a significant shift.
- Integrated care activities such as Dr Lyons referred to, with people that might require a knee replacement, with osteoarthritis, can now go to a clinic and with an exercise regime and often weight support, can avoid actually having knee surgery and we can take people off the wait list for surgery.
- So the system has been innovative in terms of identifying different pathways to provide care and to try to mitigate the risk of somebody ending up in hospital with a chronic and complex condition that could be managed in the home or in a community-based setting. So it has been the driver for much of this work.
- 42 MR GLOVER: This integration that you speak of is not just 43 within the public hospital network but across primary care 44 settings as well, is it?
- 46 DR CHANT: That's correct. It's very important that, 47 regardless of the two levels of government that are

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funders, that we actually run a seamless system for the 1 2 patients, that the patient actually can move between it and 3 that our services adjust for the services where they're As we spoke about vesterday, primary 4 best delivered. 5 health practitioners being the integrator and the 6 fundamental providers of primary prevention, but we provide evidence-based care that really is supportive and 7 introduces and incorporates prevention that supports the 8 9 work of the primary health care practitioner.

DR LYONS: We have signalled this direction through a number of changes we have made, and one of them was mentioned yesterday - the agreement we've reached with the primary health networks across the state.

16 Historically, we've run parallel systems almost and where patients get referred between them, and what we're 17 saying is we need to turn that around to have a one system 18 19 mindset, that we're the one health system, no matter where people are in it, they are supported with information, with 20 a range of activities that will enable them to receive 21 optimal care in any of those settings, but it's joined up. 22 23 That has been the challenge up until now and we need to refocus what we do, but we need other parts of the system 24 25 to change as well.

27 DR CHANT: I'd just like to comment, so that's the sort of general approach, but there are then some services that we 28 29 run in the health system that see very vulnerable groups of patients, where it's actually taken quite a lot of time to 30 31 build trust for them to come and access our services. That 32 creates an incredible opportunity for us to have that 33 broader discussion. So they may be coming in to us with 34 drug and alcohol or mental health issues, but that gives us 35 an opportunity, as we're addressing the drug and alcohol 36 concerns, to actually screen them for other things, offer them vaccination, potentially address their broader health 37 38 issues, all the time looking at transference to a primary 39 care practitioner. But for a period of time, due to that fact that they may have faced stigma and discrimination, 40 they may have felt very uncomfortable attending the primary 41 It will need a bit more intensive work for us to 42 care. 43 support them where we might be providing services which are more in the primary care domain for a discrete group of 44 individuals as we transition them and then link them in to 45 46 primary care. 47

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1 THE COMMISSIONER: When you talk about primary care 2 clinicians being the integrators, I have to be careful 3 about saying this, but that does require a funding model to 4 facilitate them playing that role, doesn't it?

6 DR CHANT: Of course, but it's also to respect that 7 important - the fact that GPs are specialist, and they are 8 the generalist.

THE COMMISSIONER: That may be some blended funding model, 10 it might be changes to the MBS to help incentivise more 11 12 integrated care. I'm hesitant to - the reason for my hesitation is you read these reviews and it will say, "ABF, 13 or the fee for service model for general practitioners 14 15 doesn't incentivise preventative health, doesn't 16 incentivise keeping people out of hospital", and that, it 17 seems to me, has to be purely an economist's opinion, because I feel as though my general practitioner does want 18 19 to prevent me getting more unwell and does want to prevent me going to hospital, simply because they're a caring, good 20 21 doctor.

23 DR CHANT: Professional, yes.

THE COMMISSIONER: But accepting that we do learn stuff from economists, for the GPs to play a broader role in preventative health, it does require the funding model to assist that at least.

I think too, and again Dr Lyons was part of 30 MS WILLCOX: 31 this committee but he probably should speak to it, the work the Commonwealth have done through the Strengthening 32 33 Medicare Taskforce, it's incremental, like all these 34 changes that are required, but I think the additional 35 funding for general practice to employ allied health 36 professionals and nurses in the practice, certainly that's been very difficult for small GPs, single general 37 38 practitioners, to do, and those other health professionals 39 can provide some of this preventative care. It won't 40 always require a general practitioner to do it. So I think that's a very positive step in terms of getting that 41 multidisciplinary team. 42

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I suppose the other contributor to enabling some
 connectivity around preventative care and supporting
 general practice is around data and sharing of information,
 and we touched briefly on Lumos yesterday, but information

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1 is also a powerful thing, not just funding, in terms of how 2 to support primary care.

I think that's right. I think valuing those 4 DR LYONS: different approaches - I think there is a concern that 5 6 within general practice, MBS needs to be maintained as it 7 is because of concerns around relative remuneration as opposed to other specialties. I think that's a valid 8 We need to continue to value the role of the 9 concern. generalist and as we move into more chronic disease 10 management, health promotion to health prevention 11 12 activities, value the time it takes to do that well.

I think how that is done and the basis on which it's funded is a really important consideration, as we make these shifts. So it is important to think about how we do that differently but understanding and being conscious of the concerns of the individuals who are currently providing those services for us.

MR GLOVER: One of the challenges we touched on yesterday 21 was access to general practitioners and one of the issues 22 23 that we have heard about is not only from affordability, as 24 I think you raised yesterday, Dr Chant, but in certain 25 areas just being able to see one. How do those challenges intersect with the need to create this integrated model of 26 27 care across both the primary care and public hospital 28 system?

30 DR CHANT: There's not one simple solution. I think it --

32 MR GLOVER: We hear that a lot.

DR CHANT: I think part of it goes to some of the discussion that has just been had by my colleagues around broadening the multidisciplinary teams supporting the general practitioner.

39 We've also seen general practices get larger and that 40 means the workforce has been able to be more sustainable. Bringing in different practitioners, all the way through 41 from allied health practitioners to pharmacists, as part of 42 43 the treating team gives a bit more team stability. I think there's always going to be difficulties in our rural/remote 44 areas, and that's where we've got to use telemedicine or 45 other novel hubbed ways, so GP services may well have to be 46 47 hubbed out of larger centres.

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1 2 We've learnt a lot about how we can deliver care in 3 different ways, but some of the key components would be increasing the scope and fully utilising the scope of other 4 5 health practitioners. We've also been doing some work with pharmacists in some areas, looking at their scope. 6 Often 7 there's a pharmacy in some of the smaller towns, and again how we can network --8 9 THE COMMISSIONER: There is a trial on now, which might be 10 expanded, and Queensland's got the --11 12 Yes, that's right. 13 DR CHANT: There is a trial of UTI that we're rolling out, and oral contraceptive pill, and 14 15 we're going to be doing skin conditions. That's under a clinical trial framework, we'll get some good 16 But when I'm out and about, many of the 17 intelligence. community really do often access some advice from 18 19 pharmacists as a first port of call. So I think we're also working with them, notwithstanding the trial, on support 20 for some of those other evidence-based prompts around 21 22 patients that might be coming in with a pregnancy test. 23 Are they advising them about the need for folate, folic acid and iodine supplementation at that time, or people 24 25 might be raising the fact that they're wanting a family, perhaps linking them again to some of the preconception 26 27 health advice, so basically supporting them in that more 28 holistic role. 29 THE COMMISSIONER: Just on the pharmacy trial that's 30 31 current here and the slightly more expanded one in 32 Queensland, which I think is UTI, contraceptive pill and 33 mild skin conditions, is there much resistance to that from 34 any parts of the health network? If I could go to the 35 pharmacist to get a prescription medicine for psoriasis, is 36 there push-back to that? 37 38 DR CHANT: I think it's important that we choose 39 conditions that align with the scope of practice of the Some of the concern - I would like to 40 pharmacist. say I would --41 42 43 THE COMMISSIONER: "Skin condition" wouldn't be a nasty 44 looking mole. 45 DR CHANT: So, for instance, my team, is responsible for 46 47 rolling out and working in partnership, we've procured the

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assistance of the University of Newcastle in a consortium 1 arrangement to roll that out. We're very pleased that we 2 3 have had engagement from the RACGP and the AMA on the trial, but I think what's important is to look at those 4 5 conditions that are, we think, within the scope, that we 6 have very clear protocols and we have very clear 7 communication between the pharmacist and the GP. One of the things we don't want to do is further fragment care. 8

10 So in implementing it, we're very cautious of having 11 a broad range of stakeholders support the clinical 12 protocol, agree when the touchpoints are for referral to 13 the general practitioner, require that there's 14 communication between the pharmacist and the GP as part of 15 agreement to the trial conditions, and then I'm hoping --

- THE COMMISSIONER: Because we don't want people to keep
 going back for antibiotics to deal with a UTI, which would
 be risky.
- DR CHANT: Which would be problematic. 21 We don't want 22 people that perhaps have underlying medical conditions, 23 like diabetes or other conditions, not to get picked up So I think it is around looking at 24 through that process. 25 those things that general pharmacists would reasonably have, but there's also an important role of pharmacists 26 27 themselves in providing advice.

29 Many people with a skin rash would go into a pharmacist and say what can they do. They can already 30 31 prescribe - they can already dispense some over the counter medications. 32 So this is looking at where the scope can safely be extended, and we've had very good support as 33 34 we've worked it through step by step, thinking about those 35 issues, but making sure we manage clinical risks, but we 36 also make sure there is good strong integration.

38 THE COMMISSIONER: Sure.

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MR GLOVER: Dr Lyons, you mentioned in an earlier answer
 the role of the primary health networks in this integration
 model. How effective has that been?

44 DR LYONS: I think we've established good relationships at 45 the state level with all of the PHNs and we have regular 46 interaction with them, and I think as a state, we've been 47 very committed to ensuring we've got solid relationships

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with the PHNs at our level, at the state level, as well as, 1 2 very importantly, a strong relationship at the local level with the local health districts. 3 4 5 There are always examples of places that are doing really well and they've got the activities that are very 6 7 impressive and might be a little ahead of game, and others that may be not as advanced, and you'll see that variation 8 9 across the PHNs. But as a general rule we are very committed to ensuring that those relationships are the 10 foundation on the connections and integration. 11 12 13 The important component from our point of view is reach to general practice, though. I think the thing that 14 15 we are challenged by is that not all GPs relate to the 16 primary health networks, and so we need to work at two levels in the state. 17 18 19 We are working very closely with the PHNs and committed to it, but if you use the example of Lumos, we've 20 actually had to go to the general practices as well to get 21 22 agreement to link up their data systems. So I think that's 23 the challenge we face, but we're committed to ensuring that we create those connections so that we use the existing 24 25 mechanisms to drive hard on that collaborative work and highly integrated service delivery at the local level. 26 27 28 MR GLOVER: One of the points you made yesterday was that 29 there had been an observed increase in people presenting to hospital that otherwise might be managed in the primary 30 31 care setting; correct? 32 That's correct. DR LYONS: 33 34 35 MR GLOVER: Has the ministry done any work to identify why 36 that has occurred over time? 37 Well, it's quite obvious to us in certain 38 DR LYONS: 39 places, because there are no GPs in some of the communities 40 that we're providing services in, where there used to be, and so when people don't have a GP resident in their local 41 42 community anymore, they are using our services for primary 43 care. So there are examples of where there are no GPs, where there used to be or where there are fewer GPs, where 44 there used to be. 45 46 47 There is an issue clearly occurring, and we've heard .29/11/2023 (003) 210 DR LYONS/DR CHANT/MS WILLCOX

it reported, about the fact that medical graduates are not 1 2 choosing to go into that specialty as frequently or at the 3 levels that they need to to replace the people who are 4 leaving as they retire. 5 We've also got maldistribution, so we've got issues 6 7 around distribution of those practitioners across the state and there are less in the rural and regional communities. 8 We know that, there's evidence of that, and we see the 9 patterns of service delivery as a result. 10 11 12 In relation to our metropolitan services, we've seen increases in activity in our emergency departments, but 13 it's not in the lower level acuity categories, necessarily, 14 15 it's in the higher acuity categories, and people would --16 17 MR GLOVER: Just before you go, there are people who are presenting sicker, if I can put it that way? 18 19 20 DR LYONS: Sicker, yes. Sorry, I should have clarified 21 that. 22 23 MR GLOVER: No, that's okay. 24 25 Yes, we triage category 1 to 5 and the lower DR LYONS: acuity categories are 4 and 5. Often people say you could 26 27 have primary care substitute for some of that. Not all the people agree with that for those, not all of those 28 29 conditions could be treated in primary care, but many could 30 be. 31 32 But what we're seeing is an increase proportionally in 33 the number of people presenting in the triage categories, 34 particularly 2 and 3, and those are people who have 35 underlying conditions which are having acute exacerbations 36 and needing more complex care and treatment. 37 38 MR GLOVER: Are they examples of conditions like those 39 referred to in paragraph 175 that if managed in the primary care setting, may have avoided the presentation? 40 41 DR LYONS: 42 That's correct. So people who are living with 43 congestive heart, chronic heart failure, chronic respiratory conditions, ongoing pain. 44 Mental health is another big issue that's driving attendance at our 45

services, people with mental health conditions.

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These conditions are certainly increasing in their 1 2 prevalence in the community and are leading to increased 3 demand on our services. Our contention would be that if we can strengthen up and support primary care - which is why 4 we've invested in a number of programs to start to focus 5 6 our energies in those areas, even though, historically, they've not been our responsibility, but we have identified 7 the need to start to invest in those to look at innovative 8 ways to start to support improved primary care and get that 9 integration. 10 11 12 MR GLOVER: What's an example of such a program? 13 DR LYONS: We talked yesterday about the collaborative 14 15 commissioning work, and you might want to expand on that? 16 17 MS WILLCOX: Thank you, Dr Lyons. The collaborative commissioning model is one - I'll give a particular 18 19 example, which is assisted by the fact that the boundaries for the primary health network are the same as the local 20 health district. The majority are, but not all are, so 21 it's certainly helpful when they do align. 22 23 24 MR GLOVER: That wasn't always the case, was it? 25 MS WILLCOX: I think there is just one LHD. 26 27 DR LYONS: 28 Pretty much in New South Wales, they're very 29 I think Central Coast and Hunter New England have close. one primary care that goes across the two local health 30 31 districts, but most of the others align pretty closely. 32 33 MS WILLCOX: Which certainly helps in terms of building 34 relationship and communication. The collaborative 35 commissioning work that was undertaken in Northern Sydney 36 and with the Northern Sydney Primary Health Network was looking at frailty and looking at patients who were having 37 frequent presentations to the emergency department, 38 39 understanding what their background conditions were, leading to and connecting with general practice to try and 40 optimise the care of those people in general practice so 41 they would avoid relapsing and arriving in the emergency 42 43 department. 44 If you looked at a triangle or pyramid of those 45 people, unfortunately, those individuals that had the most 46 47 frequent presentations to the emergency department tended

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to be people that didn't have a general practitioner, which 1 2 would not be a surprising outcome, and a very small group and I say this cautiously because the lion's share, the 3 large number, of GPs, and they're well served in primary 4 care - but a very small percentage of general practitioners 5 6 that weren't actively engaged in the work that we had - we 7 struggled to make contact with and to build rapport with so that we could work with them to try to mitigate the risk of 8 their patients coming in to the emergency department. 9

But that was funding thorough the PHN with the local health district, quite a long lead time to do this work, understanding the cohorts of patients, getting the right data and then making those very individual engagements with primary care and general practice to see what we could do to avoid their patients coming into our emergency departments.

- THE COMMISSIONER: Just to give it a label, is this part
 of the framework for integrated care of NSW Health, or am
 I thinking of something else?
- MS WILLCOX: Collaborative commissioning is a form of integrated care. Yes, I'm not quite sure - does it sit specifically under the integrated care banner?
- 27 DR LYONS: So the framework for integrated care is 28 a framework that drives the notion and activities around 29 integration. Collaborative commissioning is a particular 30 program that is investing in those integration activities, 31 if that explains it, Commissioner.
- MS WILLCOX: So, yes, the integrated care principles are used in collaborative commissioning to ensure people can move between the two and have joined-up care and avoid attendance to emergency departments.
- There are other ones in Western Sydney, ones in cardiology.

THE COMMISSIONER: That was what I had in mind.
I remembered vaguely, I think, Western Sydney, the
specialists in the hospital having a relationship with the
GPs outside, but, of course, it wasn't picked up by
activity based funding so it had to be funded elsewhere.
Is that what you were --

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MS WILLCOX: And again, funding through the PHN. 1 Yes. 2 3 THE COMMISSIONER: It was to manage people with chronic diseases, I think. 4 5 DR LYONS: 6 Correct. 7 MS WILLCOX: There are a number of then now across the 8 South Eastern Sydney has one in chronic obstructive 9 state. pulmonary disease. The Western Sydney one is around atrial 10 fibrilation, a particularly abnormal heart rhythm. 11 12 13 DR LYONS: There are ones with diabetes in a number of the districts as well. The integrated care framework drives 14 15 the basis on which those activities would be undertaken. 16 and collaborative commissioning is an example of a program 17 where it's invested in driving those around particular 18 projects. 19 20 Dr Lyons, we spoke about increased MR GLOVER: presentations to emergency departments, but has there been 21 increased demand on public health services generally 22 23 through what might be described as a lack of either primary care or aged care services in a particular region? 24 25 Certainly it plays out. 26 DR LYONS: We believe the 27 intersection between the other services that are provided 28 impacts on our system, and there are examples of where that 29 has had impact. We could talk about aged care, for And I think it is really good that the Royal 30 instance. 31 Commission has highlighted the importance of additional 32 support for residential aged care facilities and having staff with health gualifications on duty 24/7. 33 We 34 highlighted that as an issue from our side. 35 36 It was leading to residents who had a deterioration in their condition having an ambulance called and transferred 37 38 to the emergency department. Many of our services would 39 have in place outreach teams that would provide medical support into aged care facilities, but we are seeing 40 increased attendances from aged care facilities into EDs, 41 and those strategies are being put in place to address 42 43 that, because that's not best care for those residents. That's not a great place for their care, in a busy 44 emergency department, particularly if it's a simple 45 condition which could be treated in their home. 46 47

There are some examples of those, but there are also 1 2 examples at the other end where people who are admitted and 3 have illnesses that do need acute treatment being ready for 4 discharge and having nowhere to go in terms of a residential aged care facility bed that can take them. 5 6 We've seen increasing numbers of people in our acute care 7 settings who are ready for discharge but are unable to be discharged because there's nowhere for them to go. 8

MR GLOVER: What effect does that have on that facility?

12 DR LYONS: It's a huge issue because the flow of patients through our hospitals is dependent on beds being freed up, 13 and every bed that's blocked stops the ability to admit 14 15 somebody from an emergency department into an inpatient If that occurs for any length of time - I think we've 16 bed. had examples of 250, 300 patients across the state and then 17 another couple of hundred patients who are NDIS clients who 18 19 are ready for discharge and not able to be cared for in the So between the two groups, up to 500 people at 20 community. a time in our hospitals who are not able to be discharged, 21 which has a huge impact on the hospital system's ability to 22 23 respond to people who need to be admitted.

MS WILLCOX: If I could just add to that, I think at 15 November there were just over 400 elderly people who were assessed and ready for placement. We use the analogy that that's more than Prince of Wales Hospital in its entirety who would be caring for these individuals.

31 I think the important thing also to add to this is 32 that, yes, certainly Dr Lyons is right, there's a flow 33 issue we have in emergency departments in planned surgery. 34 But the impact on these elderly people while they await 35 placement is significant. Frailty occurs very quickly. 36 Being immobile for a couple of days in a chair, not having the sort of recreational activities and the socialisation 37 38 that an aged care facility can provide really does set back 39 these elderly people.

So there are the two elements to that. 41 I do want to 42 acknowledge, we're working very hard with the Commonwealth 43 around this and with the aged care sector. There is definitely market failure in the sector and, as Dr Lyons 44 said, we absolutely support the increased capability of the 45 residential aged care workforce and all of the other things 46 47 that the Royal Commission provided.

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2 But the reality is that there is a lot of difficulty 3 in recruiting staff in aged care facilities across the 4 state. We've seen a significant number of closures in 5 Illawarra has been profoundly affected, but various areas. 6 also South Western Sydney, and spatterings around other Also, because of their inability in 7 parts of the state. the main to recruit suitably qualified staff - and I am 8 again careful with my language - it is very difficult for 9 some of the aged care facilities then to accept admission 10 of elderly people who have very complex behaviours, 11 12 dementia and behavioural disorders, which need a very So if you can't recruit specialised intensive care. 13 registered nurses or occupational therapists or whatever 14 15 professional that you require to safely care for these people, the option is to not accept admission. 16 17

- 18 MR GLOVER: Going back to the start of your answer where 19 you described the effect on the patient who might be ready 20 for discharge, do I understand that to mean that not only 21 is hospital not the best place for them, it might actually 22 be ultimately harmful for them to stay there longer?
- MS WILLCOX: 24 Indeed. The risk of infection, all the risks 25 that come with - whilst we have physiotherapist and the nursing staff who would walk and mobilise elderly people in 26 27 their care, an acute setting is not an environment that is focused on these less acute activities about keeping 28 29 mobilised, keeping engaged, social interaction, all of the things that add to physical and mental wellbeing for an 30 31 elderly person.
- MR GLOVER: Does that also apply to the category of patient described in paragraph 175 who would have been better managed in the community avoiding the presentation and then they ultimately present at a higher acuity level?
- 38 DR LYONS: Absolutely, absolutely.

40 MS WILLCOX: If you are a person who has some chronic respiratory disorders, often they're on steroid medication 41 which can make them more at risk of infection, so staying 42 43 in a hospital setting, where there's a lot of patient flow and churn of patients and staff - there are many risk 44 Our hospitals are safe in the main but you're 45 factors. much better if you are able to be cared for in home, or 46 47 a community setting is a much safer place to be.

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1 2 DR CHANT: Can I add in the less acute areas it also plays 3 out. For instance in our sexual health clinics, we would see that the majority of patients would get their sexual 4 5 health screening, testing and support within a primary care practitioner setting, but if our services are inundated, 6 7 that doesn't allow us to do our work, which is probably in 8 the more complex patients that require that more 9 multidisciplinary team to care for them. So again, it's this tension about access to primary care, which is 10 a critical importance, but it plays out at all levels in 11 our system. 12 13 MR GLOVER: I want to come to question 5 of the report, 14 which deals with the burden of disease, which ties in to 15 some of the issues we have been talking about, about 16 In that section - I think this is your 17 preventative care. section, Dr Chant --18 19 DR CHANT: 20 Yes, it is. 21 22 MR GLOVER: -- Ms Willcox can take a break - you set out 23 how it has changed, but just in general terms, has the change that you describe in this section of the report been 24 coming for some time? 25 26 27 DR CHANT: Clearly demographic change or the change in the age structure of the population takes time. 28 We've also 29 reflected on the increasing ethnic diversity of our These were predictable, but clearly it's 30 populations. 31 taken time for this to impact. 32 33 MR GLOVER: By that, you mean it may have been predicted that, as we live longer, people would get older, but how 34 that would affect the system is being seen in more recent 35 36 times? 37 I think you'll find that there are many 38 DR CHANT: 39 economic analyses at the Commonwealth level around the 40 impact of the ageing population and the challenge and the demographic shifts and what it means for our working 41 42 population. 43 DR LYONS: I think there is no doubt that in the early 44 status, the projections of the health care utilisation of 45 people once they get into their late 70s, 80s, and 90s now, 46 47 was significantly underestimated because we projected

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through based on past experience of people in their 60s. 1 2 In fact, the experience has been that they use health 3 services multiple times at a higher level than people who are in their 60s. The planning initially was done on 4 projections that were looking at those rates of admission 5 6 and healthcare utilisation. In fact, our experience has 7 been that the healthcare utilisation is at a much higher level. 8 9 MR GLOVER: The other element to that, is it, is that not 10 only are people living longer, but they're living with 11 12 a different category of disease to that which might have been the case 20 or 30 years ago? 13 14 15 DR CHANT: That's correct. The switch is very much to chronic disease and also a key feature is also mental 16 17 health issues which have certainly been amplified. 18 19 MR GLOVER: When we discuss chronic disease in these contexts, what does that actually mean? 20 21 "Chronic disease" is a grab-bag term for 22 DR CHANT: 23 something that's not acute and recoverable, where you 24 recover totally. So chronic diseases - the big groups of 25 chronic diseases we talk about are largely cardiovascular, so that would be affecting heart sort of conditions, blood 26 27 flow; respiratory; and then neurological. 28 29 I think you've seen with the ageing in the population a key risk factor for dementia is ageing, so we would 30 31 predictably support that dementia is going to be a growing 32 issue for us and that raises a lot of challenges both for 33 the individual but also for the carers and the care system 34 that we need to have. 35 36 DR LYONS: The other big one is mental health. Mental health is the other one that has grown guite 37 38 significantly, so people living with mental health 39 conditions in a chronic way. 40 Also cancer is becoming a chronic disease. 41 MS WILLCOX: Many people are living, for instance, with prostate cancer 42 43 for decades, but there are impacts of that in the treatments and in the effects. 44 45 DR CHANT: We should say that for some of them it's 46 47 a positive disease because with the newer therapies,

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they've been able to hold and stabilise and give people
years of further quality life. For some of it's a positive
story; for others it's probably more of a call to action
and reflects why our health system needs to change and
shift in response to these changes.

7 MR GLOVER: So this is a category of condition that is not
8 immediately life threatening but will affect a large cohort
9 of the population over a number of years in their later
10 lives?

DR CHANT: That's correct. I suppose, just looking back to the previous prevention conversation, we know that risk factors such as tobacco, alcohol, lack of physical activity and being above a healthy weight all predispose to multiple chronic diseases including cancer.

18 MR GLOVER: What challenges does that present to the 19 public health system going forward?

I think we have reflected on the focus on 21 DR CHANT: prevention. I think we would all, along this table, aspire 22 23 to the fact that we would want a healthy ageing population. We would want a population that is free of disability, as 24 We all have to die of something, but we would 25 it ages. like there to be a very short interval between when we had 26 27 a very long disease-free interval and probably a very peaceful death. 28

DR LYONS: The other challenge it creates is in terms of 30 31 service delivery. I think we were very organised around the specific diseases and systems, so our specialties are 32 33 all focused on those, and in the past we've been very 34 successful in dealing with and keeping people alive from 35 those conditions. If you just use the example of 36 cardiovascular disease and deaths from acute myocardial 37 infarction, ischaemic heart disease, the change has been 38 dramatic. The improvement is amazing. People don't die, 39 as they used to, from those conditions, so people are 40 staying alive longer.

Because they've got multiple conditions which go across a number of different systems, organ systems, and our specialties are organised around those organ systems, it means that we need to have a range of different teams involved. You've got your stroke teams, you've got your heart teams, you've got your gastrointestinal teams. So

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the challenge for us in service delivery is how people with 1 2 those chronic conditions access the right care and who 3 coordinates it all. That's the shift that has occurred 4 which is challenging for us. 5 MR GLOVER: That is multidisciplinary care, in a nutshell? 6 7 DR CHANT: 8 That's right, and the integration piece and who is the integrator. 9 10 MS WILLCOX: I would add for our patients that are within 11 our hospitals, just building on Dr Lyons's comment, it's 12 more often than not that a patient has multiple conditions 13 that require attention. They may be in for one particular 14 15 thing, but the totality of their needs also has to be 16 managed while they are in hospital. And the 17 sub-specialisation means a lot of consultations from various parts of the medical, nursing and allied health 18 19 professionals to attend to their hospitalisation, which makes it a more costly and complex exercise and takes us 20 back to the discussion around the pricing and the costing 21 and how important it is to capture all these interactions 22 23 to ensure that we really truly reflect the nature of the 24 care we are providing. 25 We will come back to that, but at a service 26 MR GLOVER: 27 delivery level, has there been a need to pivot the way services are designed and how they are delivered to meet 28 29 this change in demographic? 30 31 DR LYONS: I think it's work in progress. It's clearly 32 something that we would say where there needs to be an even greater shift over time for the whole system. 33 I think the 34 whole system is geared up around that historical approach 35 of episodic care, around a specific condition, and as the 36 demography has changed and people are living with those chronic conditions, as they are frail and elderly now and 37 have difficulty in accessing services, the whole service 38 39 system needs to shift in its approach. 40 But examples of where we've done work like shifting 41 the focus is some of the work that has been done around 42 43 health care hubs, which is where we are focused on delivering a range of services in one place and integrating 44 that with other providers. So where primary care might be 45 working alongside our community health teams, allied 46 47 health, there might be diagnostic services available as

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1 well. We need to see more investment in those types of 2 holistic care in the community setting that enable as much 3 care to be provided for somebody who has a range of 4 different conditions and needs to be accessing a range of 5 different providers and services, who can have their diagnosis made without being referred to an emergency 6 7 department, who can have arrangements for ongoing care with a specialist arranged outside of a hospital setting. 8 That's the shift we need to see and we need to see more 9 investment in those sorts of health service delivery 10 arrangements. 11 12 I would also be interested to hear Nigel's 13 DR CHANT: perspective on this, but our geriatricians are probably the 14 15 integrators in the hospital system, and the question for us is, what's the proportion of investment in that integrator 16 17 versus the specialty stream? I think there are some interesting aspects there. 18 19 DR LYONS: 20 There is no doubt, there has been increasing 21 investment in aged care and geriatrics in our acute There has been a need for that. 22 settinas. They are the 23 people who look at the whole person in an aged care sense. 24 25 The sub-specialties are really important as well, but we need to have within our service system people who have 26 27 the care of the whole patient, particularly the frail/elderly. So that focus on aged care, acute 28 29 geriatrics, but having that shared into a community setting and the integration with GPs and primary care, is probably 30 31 the key piece that we need to see more of. 32 33 And valuing the role of the general practitioner and 34 the primary care team, that it needs to be a team, as we've 35 talked about, a multidisciplinary team, and having them 36 closely working alongside our services is where we need to 37 go. 38 39 MR GLOVER: Is the role of the primary care physician in 40 that scenario important, because I imagine it might be quite difficult for a patient with a chronic condition to 41 navigate themselves through a variety of specialties and 42 43 treatments over the course of their illness? 44 DR LYONS: That's absolutely correct. Some of our primary 45 care doctors struggle with navigating our system as well. 46 47 Part of what needs to change is we need to make it easier

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to navigate our complex system. We need to redesign it. 1 2 So we've had a focus around specialties and building our system around those service areas, which has been highly 3 successful and is really valued, and we need to maintain 4 5 it, but we need to now reorient our secondary care and 6 what do we need to do to support specialist care to say: 7 primary care? What is the focus the need? Rather than 8 having patients referred up to specialists all the time, do 9 we need to have our specialists have a focus on supporting the primary care team to manage that patient in a primary 10 care setting more effectively? How do we organise the 11 12 system to do that? How do we support the information being How do we support the appropriate remuneration of 13 shared? the practitioners, because our system is geared around 14 a referral to a specialist and the specialist being 15 remunerated for that? 16

If there's a need for a conversation to support the 18 19 care of that person in the primary care setting, how can the specialist be remunerated for that appropriately to 20 21 reflect that work? I think these are the things that we need to see a shift in to make sure we can see that change 22 23 occur, and it needs to happen, because it's the only way we're going to meet the demands and meet the care needs of 24 25 these patients into the future.

- 27 MR GLOVER: Building on from that last portion of your 28 answer, is it anticipated that, as the population continues 29 to age and people live longer, there will be greater demand 30 for services from those with these chronic conditions?
- 32 DR CHANT: Yes.

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34 DR LYONS: On our current trajectory, yes, which is why we 35 need to start to shift the focus to say what can we treat 36 more effectively earlier which doesn't then require an 37 admission to hospital? What can we prevent happening in 38 the first place through the prevention measures we've So that's the shift. 39 talked about? At the moment we're 40 geared around responding to the diseases and the acute conditions exacerbating through our hospitals. 41 We've got to shift that focus. 42

DR CHANT: The risk is also that if we as a society across government don't address some of those risk factors such as an increasing population above a healthy weight, people being physically inactive, the age of the chronic disease

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profile will manifest at a younger age. So that's a double whammy - we'll have the ageing, but we'll also have chronic diseases manifest at a younger age. So we need to work on both ends, adjust our services but also support a strong focus on prevention.

7 DR LYONS: There have been some statistics shared about 8 the fact that life expectancy of people being born now, 9 because of some of these changes, is actually less than the 10 previous generations, so we really need to avoid that shift 11 occurring.

- MR GLOVER: Addressing chronic conditions early would have
 benefits beyond just the individual health of the patient that is, wider societal benefits as well?
- 17 DR LYONS: Absolutely.
- 19 MS WILLCOX: Yes.

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DR CHANT: Absolutely, often there are economic benefits if people can remain active in the workplace. So a lot of the economic analysis of tackling some of the risk factors accrues in - economists attribute that to workplace inability to maintain employment.

27 MR GLOVER: Is one of the pieces of work directed to 28 meeting this challenge the future health structure?

MS WILLCOX: The whole purpose of 30 Yes, definitely. 31 embarking on the future health strategy was to start to prepare ourselves or continue to work preparing ourselves 32 33 for the next decade. As I think Dr Lyons talked about 34 yesterday, literally thousands of staff were involved in 35 Sometimes these strategies and glossies the process. 36 perhaps seemingly lack appeal, but we had enormous contribution from our staff right across the system, and 37 there was great alignment around the things that people 38 39 felt were the most important - patient experience, sustainability, keeping people safe and well, safe care. 40 You know, it was very clear what everybody felt were the 41 42 priorities.

44 What we've aimed to do now is to frame our activities 45 to align with that. It would be rare that an idea for 46 a model of care or some innovation didn't fit into one of 47 those categories, but we're very much trying to create a

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strong discipline that as we approach anything, we make 1 2 sure that they're contributing to all these strategic 3 outcome areas of future health so we can all push, as they say, in the same direction. 4 5 MR GLOVER: We might bring it up on the screen, 6 7 [SCI.0001.0010.0001]. 8 Commissioner, you'll find this in the hard copy bundle 9 at volume 2, tab A14. 10 11 12 There is the glossy cover --13 DR LYONS: Yes, very familiar. 14 15 MR GLOVER: 16 -- in New South Wales blue. If we go to 17 page 9, please. Thank you. 18 In that blue box at the very top, there's a projection 19 of the growth anticipated in spending over the next just 20 shy of 40 years. The response that's needed to address the 21 22 demographic change, does that also need to be made to 23 ensure the sustainability and viability of the public 24 health system generally? 25 DR LYONS: Yes. 26 27 28 MS WILLCOX: Yes. 29 DR LYONS: It's not just in terms of dollar spend; it's 30 31 about the workforce. Our people are so critical to us 32 being able to deliver services, and the projections of what this would mean in relation to the workforce required would 33 34 not be able to be met because we don't have that level of 35 workforce available. Really important. 36 37 MR GLOVER: Just going down the first paragraph and the three dot points, this is a high-level summary of the 38 39 NSW Health budget, currently, 85 per cent concentrated in Prevention and promotion currently account for 40 hospitals. 10 per cent. What's within prevention and promotion in 41 42 that paragraph? 43 DR CHANT: That would cover some of the screening 44 It would cover our population health services in 45 programs. local health districts; it would cover the ministry's 46 47 population health programs; it would cover probably

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a component of our sexual health clinics that provide a lot 1 2 of prevention work; components of our drug and alcohol. 3 That estimate would have been derived using one of the 4 5 definitions, I haven't got it in front of me but, as I said, those percentages can be contested depending on the 6 definitions you use, because, as we described, prevention 7 can be a component of every healthcare delivery, all the 8 9 way through the programmatic areas that I have described. 10 MR GLOVER: There is not a universal agreement on what 11 "prevention" means; is that right? 12 13 MS WILLCOX: Yes. 14 15 MR GLOVER: 16 What about promotion? We spoke a lot about prevention earlier today. What does "promotion" mean? 17 18 19 DR CHANT: We would say that promotion is one form of So it's under the umbrella of that. 20 prevention. What 21 I suppose that is calling out more is that primary 22 prevention or working with partners to promote the work we 23 do in schools and child care, the work we do with working 24 with local government, work we do working across 25 government. That would be our promotion activities. We also do a lot of campaigns. That term broadly could be 26 27 including some of our campaigns and our social marketing to support people to adopt healthy behaviours. 28 29 MR GLOVER: Encouraging more exercise, Crunch&Sip programs 30 31 in primary schools? 32 DR CHANT: 33 Sure. 34 35 MS WILLCOX: The local health districts have health 36 promotion units that are there to deliver on statewide campaigns or more bespoke activities that meet the needs of 37 their community that they're responsible for. 38 So things 39 around falls would probably be in all areas, so would exercise and the "Munch & Move" and the "Crunch&Sip", 40 things that you've mentioned. 41 42 43 But there might be more particular things around men's health or women's health. In our Aboriginal services that 44 are provided through our Aboriginal health unit teams, 45 men's health, you know, is a very important area and the 46 47 health promotion team would work with their Aboriginal

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health colleagues to create days when men could come in a
safe culturally sensitive environment to talk about how
they are. So it takes on many forms, but there would be
some fundamentals across the state that we know are
contributors to wellbeing, such as diet and falls and
weight management and exercise.

Dr Lyons, earlier you made reference to a need 8 MR GLOVER: 9 to adjust or calibrate where the spend is being directed. One way is to increase the size of the funding envelope, 10 but if we just assume for the moment that the envelope is 11 12 what it is, do I understand that passage of evidence to mean there needs to be, in your view, an adjustment - less 13 of the 85 on traditional hospital models of care, more into 14 15 the prevention space?

I think, though, the challenge for us is 17 DR LYONS: Yes. while the demand is there and the community expectations 18 19 for treatment - and we can't deny people treatment when they need it - so while those pressures exist, it's 20 21 difficult to make that shift. So it needs to be maintaining the important role they play and the services 22 23 they provide, that investment; incrementally more going into the other components than has been in the past. 24 So it is about proportional investment in those in the future but 25 while maintaining those other important services that we're 26 27 responsible for.

29 MS WILLCOX: If I could just add, for as long as probably Dr Lyons and Dr Chant and I have been in the health system, 30 31 there has always been a view that, at some point in the near future, the health system will consume almost the 32 33 entire budget. But what has occurred is the health system 34 continues to innovate, refine, look at different ways of 35 providing care, trying to make the shift around principles 36 such as integrated care, working with primary care. We 37 keep evolving in order to mitigate that demand and manage 38 the impact on that 85 per cent.

40 DR LYONS: I think it would be fair to say that - and my colleagues might challenge me a bit on this, but it will be 41 42 interesting to see - the activity based funding has driven 43 a focus on activity, and it has driven a focus on activity 44 in settings where the revenue to be gained by that treatment is to be maximised. So it's tended to focus our 45 service deliverers on in-hospital care. Reflecting on that 46 47 over the time that I've been in the system, when we didn't

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have activity based funding, often the investment would be
made in settings outside of a hospital. But at the moment
there's a drive through the funding arrangements for people
to see the need to continue to deliver activity in settings
that generate the highest level of revenue for them and
reflect resource utilisation.

8 I think we have got to make that shift in terms of 9 continuing to have activity based funding to have 10 transparency around what we spend and the cost of that and 11 being able to benchmark it, but also think about how we 12 start to incentivise the shift in those activities into 13 other settings. How we do that is going to be very 14 important to getting that change that we need to see.

16 MR GLOVER: In a passage in the report - I don't need to 17 take you to it, you will no doubt recall it- one of the 18 benefits of activity based funding is it drives what is 19 described as "technical efficiency", that perhaps I think 20 you describe as one of the shortcomings, that it's at the 21 expense of allocative efficiency; is that right?

DR LYONS: That's exactly what I --

MR GLOVER: The very issue that you are speaking of?

27 DR LYONS: That's correct.

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29 MR GLOVER: I want to explore the term "allocative 30 efficiency" a little bit more. What does that mean in 31 practice?

33 DR LYONS: It's about getting the right mix of investment 34 across all of the different areas to ensure that we're 35 getting optimal outcomes for our patients and addressing 36 the health needs of the community in a sustainable way. So 37 that's about the investment across the various programs we've talked about in different areas, so in service 38 delivery across primary care, secondary care, tertiary and 39 40 quaternary care, those examples we use. Primary care is what we do at the closest level of the community, right up 41 to the most highly specialised services in our large 42 43 teaching hospitals, the quaternary services.

It's about getting the right mix of investment across all of those to ensure that we are optimising the resources we receive, getting best outcomes and keeping people as

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healthy and well as we possibly can. The tendency has been
to invest in that higher end. We need to refocus on the
lower end, not that it is less important, it's actually
more important now because of the demography of our
population.

MR GLOVER: In your view does the current focus of the
NHRA - is it too narrow on what can be described as in a
traditional hospital activity?

DR LYONS: Yes, but I think we also need to be conscious 11 12 that the NHRA is only one component of all the funding we We've talked about the New South Wales health 13 receive. system, we've got to acknowledge all of the other 14 15 components of the health system that we're not responsible It's our contention that the intersection between 16 for. 17 what happens in the MBS funding environment, the PBS, the pharmaceutical benefits funding scheme environment, 18 19 investment in private health care, they all need to be looked at in totality so that we get the right mix and 20 we've got all of those working in alignment to see that 21 shift occur. So what happened in one part of the system, 22 23 if we try to address that from our end but not having those other components also shifting, we won't see the change we 24 25 need to see, because they're working against each other, 26 potentially.

So there's a need for us collectively to agree what do we want the health system to look like, and then how do the various components that the Commonwealth is responsible for, the states are responsible for, private health insurance funds that individuals pay for out of pocket all of that is aligned to that direction and reinforcing and supporting that change.

MR GLOVER: Is that assessment particularly important in circumstances where the needs of the population in terms of their health care is changing?

40 DR LYONS: Absolutely. While we should be very proud of the health system we have in this country and in this 41 state, clearly, its success is leading to some of the 42 43 challenges we're now seeing because we're keeping people alive longer and they are living with these conditions and 44 so we need to re orient and shift but maintain the very 45 important services that we have, and are very successful in 46 47 doing what they do.

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1 2 I suppose just another sort of lens on that is DR CHANT: 3 just the health benefits haven't accrued equally across our 4 population. So therefore, if our remit is to improve the 5 health of the population overall and reduce inequity, we have to do some more boutique or tailored programs or 6 7 additional supports which are not reflected in the current ABF sort of funding arrangements. So more bundled care for 8 some populations, to ensure that they're receiving the same 9 outcomes from intervention. 10 11 I think that's a really important point. 12 DR LYONS: Universal access to care has been around, treating 13 everybody the same in our system, pretty much, in terms of 14 15 the programs and services we offer. While that has raised the health status of the community generally, there are 16

we need to refocus and redouble our efforts around those
 groups.
 We've talked about targeted universalism, I think
 we've used that term. We have a standardised approach for
 the community but there are some groups we need to be more
 specific in what we do because of their particular needs,

some groups who have been left behind in the process.

MR GLOVER: That is an important piece of the puzzle.
What types of communities or groups do you have in mind
when you are raising that?

and I think that's where we need to go.

DR CHANT: I suppose it is important to say that, for instance, health promotion itself can increase inequity, because if you are just giving messaging, messaging will be adopted by those who, if the message is given in English, can understand English, who are listening to the channels that you are pushing it out on.

If you then unpack that, you then need to look at 38 39 perhaps the different groups. So I think our data has clearly highlighted the difference between the most 40 41 advantaged and the less advantaged. I think for us, the outcomes can be differential across some CALD communities; 42 43 clearly our homeless population; some of our communities that - our Aboriginal communities have poorer health 44 So for all of those communities, we need to look 45 status. at what are the additional steps to the model of care or 46 47 the clinical pathway that we have to put around them to

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actually give them equal outcome. So it is not about 1 2 treating them preferentially, it's just around the fact 3 that we know that we have to do these other things to get 4 the same outcome. 5 MR GLOVER: To combat the inequities. 6 7 DR CHANT: To combat the inequities and the fact that they 8 9 are living in a context where they have other barriers. 10 MS WILLCOX: If I could just add to what Dr Lyons said, 11 12 I think we are but one part of the system, and to his point, the NHRA is but one part of the funding model, which 13 is very much focused on hospitals, and we know that the 14 15 system is much, much more. 16 17 We have many partners in the non-government sector, many partners in private sector, and this concept we 18 19 touched on yesterday around regional planning is one construct by which to see all of this, and that if you have 20 a region or a geographical area with all of these partners, 21 how you could leverage off one another, if the funding 22 23 structures - and I realise it's not easy, but how we could 24 allow more movement between all partners in care delivery 25 in a particular area for a population, and then their ability to focus on those people that are more vulnerable 26 27 is strengthened. 28 29 MR GLOVER: Is that a convenient time, Commissioner? 30 31 THE COMMISSIONER: Yes. We'll come back at 10 to 12. 32 SHORT ADJOURNMENT. 33 34 35 MR GLOVER: Thank you, Commissioner. Just before the 36 break, Ms Willcox, you made some reference to NGOs and they are part of the system. 37 38 39 MS WILLCOX: Yes. 40 If we can go to the joint report at 41 MR GLOVER: 42 paragraph 101, please. 43 There, some of the services that are provided by NGOs 44 are described. Firstly, how are those services integrated 45 within the public hospital system? 46 47

. 29/11/2023 (003) 230 DR LYONS/DR CHANT/MS WILLCOX Transcript produced by Epiq MS WILLCOX: Thank you. Our non-government organisations, as outlined in (a) to (h), form a very important role in the health system.

We talked briefly yesterday around the planning, I guess the hierarchy of planning: so from a statewide strategic planning perspective there will be a number of our non-government organisations that would be factored in. One example might be family planning or Karitane and Tresillian that provide support for parenting and mums and families; at a local health district level - and sorry I should say from the state level - certainly from drug and alcohol and some of the areas that fall into Dr Chant's areas as well.

At a local district level, there will be particular 16 needs of particular NGOs that may have a greater footprint 17 or do work in the communities that are more predominant, 18 19 and so you'll find there's local partnerships, but in the main, our NGOs are funded through ministerially 20 There is a Grants Administration 21 administered grants. 22 Guide for the public sector or government agencies that 23 guides the process of procuring these services and the contractual relationship and the reporting and monitoring 24 25 and the like.

27 Some of our NGO partners will have their relationships managed at a local health district level. 28 For instance, 29 just drawing on Karitane again, South Western Sydney Local Health District manages that contract and Sydney Local 30 31 Health District manages the contract for Tresillian. So there is a little bit of flexibility in that, but in the 32 33 main, ministerially administered through a statewide Grants 34 Administration Guide for probity and appropriate 35 procurement and evaluation and monitoring, to enable us to 36 monitor the delivery of the services that those NGOs are 37 providing.

Sorry, I'm just jumping around a little bit, my apologies. But in a local health district too, those relationships would be part of performance meetings and discussions, so they would be meeting with the large NGO providers to talk about the services and are they meeting the need and just that general relationship.

46 MR GLOVER: Is this another way that integrated model of 47 care can be developed through using NGOs?

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Yes, it's an acknowledgment that clearly the 2 MS WILLCOX: 3 public health system cannot do all things and that we have partners existing within the system who are performing very 4 important work that contributes to the health and wellbeing 5 of the community. Many have very bespoke services - you 6 7 know, our LGBTIQ+ Health, the AIDS Council of New South Wales, ACON, an incredibly large and important longstanding 8 organisation that cares for that community and integrates 9 with our services to make sure we're delivering for those 10 communities as well. 11 12 MR GLOVER: I think as, Dr Chant touched on yesterday, do 13 they also play a role in reducing inequities, excess? 14 15 16 MS WILLCOX: Refugee health would be an obvious one. 17 Did you want to comment on some of the drug and 18 19 alcohol ones, Dr Chant? 20 DR CHANT: Yes, certainly. I think that the partnership 21 22 with some of the NGOs also goes to a partnership in 23 For instance, Ms Willcox has talked about the strategy. key role of ACON and some of our other NGOs, that we would 24 25 have them as active partners in developing the strategy and responding to the evidence of emerging risks or things that 26 27 we may need to change in the response. 28 In (h), two in particular are mentioned. 29 MR GLOVER: ACCHOs, what are they? 30 31 32 MS WILLCOX: They're Aboriginal community controlled 33 health organisations. The Aboriginal medical service is 34 about one structure around the Aboriginal medical health 35 service model, and the ACCHOs is the collective term for 36 those community controlled health organisations providing 37 services to Aboriginal communities. 38 39 MR GLOVER: What sorts of services are they providing to 40 Indigenous communities? 41 MS WILLCOX: Do you want to talk to that, Dr Chant? 42 43 Aboriginal medical services, if I just start 44 DR CHANT: with that group, provide pivotal primary health services, 45 but what they also do is recognise that to achieve those 46 47 outcomes they need to provide more holistic care. For

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1 instance, they will also partner with our local health 2 districts in terms of having specialist input. They will 3 also partner with other government agencies, so they might have legal and employment services coming in. 4 Thev're 5 really around treating the person as a whole, so they 6 basically provide those important primary care functions, 7 prevention functions. They will run programs that support risk factor reduction in their populations, chronic disease 8 programs, they also run - often in partnership with us -9 some dental programs as well. 10

12 There are other Aboriginal controlled health 13 organisations that might specialise in mental health 14 services or drug and alcohol, and again it's around making 15 sure that we have a diversity of high quality providers 16 that can meet the needs of the population so that we 17 address some of those equity issues.

- 19 MR GLOVER: Do they play a role in ensuring that those 20 populations get care in what's described in some of the 21 literature in a culturally safe way?
- 23 DR CHANT: That's correct. They're very important in doing that and we also partner with them locally. 24 We trv 25 to maintain very close relationships between our Aboriginal medical health services and our local health districts and 26 27 have them as an active voice in that partnership because we recognise their important role in providing and servicing 28 29 Aboriginal people.
- 31 MR GLOVER: And do they receive funding in the same way?
- DR CHANT: They receive Commonwealth grant funning. They receive Medicare, so they're eligible for Medicare. There's also a number of other programs that they might apply for funding - for instance, in relation to child protection or other activities that they might have funding sources.
- We also provide grant funding to the AMSs and then separately we may ask the AMSs to deliver additional services on our behalf and they would be funded additionally to that sort of base-level funding that the state provides to them.
- 46 MS WILLCOX: They also have a very strong relationship 47 with the Aboriginal health units in the local health

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As part of the partnership arrangement that 1 districts. 2 Dr Chant referred to in a number of the AMSs, specialist 3 medical staff and dental staff from local health districts 4 would run clinics out of our AMSs as well for specialist services such as cardiology or diabetes. 5 6 7 In some evidence given before the break, MR GLOVER: Dr Chant, you were talking about the need to tailor some of 8 9 these integrated responses to particular communities. When looking at Aboriginal or Torres Strait Islander 10 communities, are those organisations part of that approach 11 12 that you were describing earlier? 13 DR CHANT: That's correct. But within our local health 14 15 districts we also have strong Aboriginal leaders heading up Aboriginal health streams. I think the key principle is 16 co-designing with community and making sure there is strong 17 community involvement into how we design our clinical 18 19 pathways, how we integrate and work collaboratively. 20 21 MR GLOVER: If we go ahead in the report to paragraph 134, 22 please. 23 This is related to some of the evidence given before 24 25 the break about the anticipated increase in proportion of the population with disease and drivers of demand on 26 27 system. 28 29 I think Dr Lyons, you reflected on this. The statistics in this paragraph, do they suggest that the 30 system needs to pivot now, or continue to pivot, if I can 31 put it that way, otherwise it's going to be overwhelmed? 32 33 34 DR LYONS: I wouldn't use the word "overwhelmed" because 35 our system has always, despite all of the challenges it has 36 faced, been able to respond. But it is certainly going to be challenged to a greater extent than it currently is and 37 38 with a focus on that hospital care, which is what we need 39 to change, because that's not a sustainable arrangement in 40 terms of delivering these services, and that's not best outcome for our community either. We want to see people 41 living a life outside of being admitted to hospital and as 42 43 well as possible with the conditions that they are living with. 44 45 It's certainly, I think, a statistic which highlights 46 47 the importance of continuing to support this change and the

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criticality of doing so, otherwise we will see the sorts of
statistics that are highlighted there with three-quarters
of a million people, more people - that's a lot of people living with multiple chronic conditions and that would be
a huge challenge for us to meet.

7 MR GLOVER: We touched on, and we'll return to it later 8 today, how the funding models might need to be reviewed, 9 but are there other barriers in the system to carrying 10 through that change either structurally or within the 11 workforce?

DR LYONS: 13 Workforce is a big issue and I think we've highlighted the importance of workforce availability. 14 15 I think the important thing to highlight here is also the intersection between the care workforces. 16 Aged care, disability care, health care, often have health 17 professionals who can work in any of those sectors. So as 18 19 one of those expands, it can put pressure on any of the others, and I think we're seeing that play out at the 20 moment, with the investments that are being made in aged 21 22 It's difficult to attract the nursing staff that are care. 23 required in some of our aged care facilities to the extent 24 that they need to be there, and if they are attracted, it 25 might leave other areas short. So I think we've got to That's the first point. 26 look at these things in totality. 27

The second point, I think in terms of barriers, the workforce is not the only barrier. We have highlighted the importance of information systems that allow information to be shared in real time. Those are going to be critical investments for the future across all of the different care delivery modes, and all of the professionals involved.

35 We talked this morning about the importance of primary 36 care collectively. If we're talking about 37 multidisciplinary primary care, it's all of the allied 38 health groups as well as general practitioners who are 39 involved in delivering that. A lot of those health 40 professions are working in practices in the community, 41 which might be separated physically, so it's important that information is able to be shared in real time to all of the 42 43 places it needs to be to support the care of those patients in those settings. Otherwise, we'll have further 44 fragmentation and likely to have reduced quality of care. 45 46

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MR GLOVER: Is there a need for the whole system to pull

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1 in one direction when making this shift? 2 We would say yes, because unless that 3 DR LYONS: information - so, you know, the policy, the funding, the 4 5 information system, all those enablers of the shift need to all be working in concert to achieve that change, and if 6 7 they are, we'll see the benefits delivered. If we don't see them all working in concert, we'll be here having 8 another review with the situation much the same as it is. 9 10 I think the reasons why things don't happen is because 11 12 all of the things that need to be in place to support that happening aren't all achieved at the same time. 13 14 15 DR CHANT: Just to add to Dr Lyons' comments around data, I think it's around making outcomes visible and transparent 16 17 to all the practitioners. For instance, if the patient is admitted to hospital and there isn't information back in 18 19 that way to the hospital, they won't know that the person actually re-presented to the GP or, for instance, the 20 patient may not have initiated the therapy that was 21 22 required and if the person goes back to hospital, that may 23 not be visible to the GP. 24 25 The system has to continue to learn about how we manage chronic complex patients and best support them, and 26 27 ultimately we want those outcomes, but at the moment those outcomes are less visible to all the participants in it, so 28 29 it doesn't drive that continual learning and reflection. 30 31 DR LYONS: I think that's a really important point around the data and the information used to help manage those 32 33 components of the system, and to be clear about the 34 accountabilities of the various parts of the system in the 35 totality of healthcare delivery, because unless we can 36 ensure that each part of the system is doing what it needs to do effectively, we won't see the overall outcomes 37 38 achieved, and the measurement of activity, the measurement 39 of performance, defining the accountabilities around what 40 we see each component of the system doing well and 41 monitoring that, is critical to see the change delivered. 42 43 DR CHANT: This will be a particularly important strategy also in addressing inequity because those that have good 44 health literacy can navigate the system, can navigate all 45 of these components, will actually be able to do that role 46 47 more fully themselves.

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1 2 The GP or the other practitioners will need to be more 3 conscious if someone doesn't really understand why they need to get that test at that particular time, why it's 4 5 really critical that they stop that other medication and 6 change this medication. Again, this ability to see 7 outcomes across all of the players and share data more will be important to drive good quality clinical practice, but 8 it actually potentially will also reduce that inequity. 9 10

MR GLOVER: And would it also drive efficiencies in delivery of care?

DR LYONS: Absolutely it would. So it would stop 14 15 duplication. That's the first thing. If the information is shared adequately, it will reduce the cost of that 16 It will stop some of the gaps in care 17 duplicated care. that are currently occurring because information is not 18 19 shared adequately and people aren't aware what's going on. But it will also give us the opportunity to assess what we 20 talked about yesterday around the value of the care and 21 address issues around low value care ultimately as well. 22 23

I think those connections, making sure we've got that data available, feeding that back to clinicians, but also being able to have that systematic review of how care is being delivered are really critical.

29 MS WILLCOX: I was just going to add to what Dr Lyons It also saves our clinicians time. They want to be 30 said. 31 attending to patients and applying their skills to the best 32 of their abilities. If we can provide the systems, whether 33 that's technology, processes, data, information, to enable that, to free up their time, that's an incredibly important 34 35 thing that we can do.

I think COVID showed the capability, and the word 37 "agile" was used far too frequently, but again if one has 38 39 a common purpose, it showed how agile and capable the I see some of the things that we're 40 system is at shifting. contending with around some of these statistics that are in 41 our submission, again, it's about focus and about giving 42 43 the clinical teams the support and the infrastructure and the data they need to make the most important changes. 44 45

46 MR GLOVER: If we can go ahead to paragraph 152, please. 47

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Just picking up your last point, Dr Lyons, we did touch on this yesterday, but in terms of the pivot to meeting the current and future needs of the population, where it says in that paragraph that there needs to be a far greater process in prioritisation and disinvestment from low value care, and further work to reduce futile care, what initiatives are being implemented in that space?

9 DR LYONS: Certainly our work around the introduction of the value based care concepts, which are outlined there, 10 which is around the routine collection of information to 11 12 support care - so the experiences, the outcomes that people are wanting to see from the treatment they're receiving; 13 the experience of the provider in delivering that; the cost 14 15 of doing that; and, the efficiency and the effectiveness of the outcomes - those are the steps that we need to take to 16 continue to be able to monitor and drive these 17 improvements. 18

It is very much around what matters to the patient and 20 21 taking the time to understand that. Because through understanding what matters to the patient, we can actually 22 23 ensure that the care that's provided will meet their needs, 24 rather than assuming what we think the outcome should be. 25 What has tended to happen in the system, I think, when the system is under pressure and there is so much demand on 26 27 service, our clinicians tend to do the same things without exploring that detail with the patients, carers or 28 29 families, because it's sometimes a difficult conversation to have or it takes time to gather the people together to 30 31 have that conversation. So ensuring we've created the supports for that to occur and continuing to monitor that 32 33 is going to be a key change.

MR GLOVER: As increased demand flows through the system, why is it important to reduce low value care and futile care to ensure the sustainability of the system going forward?

DR LYONS: Because, in effect, care that is provided in 40 those circumstances is not good use of the resources that 41 are available; it could be redirected to respond to those 42 43 other needs. But it's got to be driven around the desires It's got to be directed around what the 44 of the patient. patient sees as important to them. It can't be the system 45 deciding that; it has to be driven by the patient 46 47 themselves.

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2 MR GLOVER: How does that work in practice where it may be 3 clinically viewed that this is not the appropriate model of 4 care for this patient? How do you balance that with the 5 desires or wishes of the patient that you've just 6 described?

DR LYONS: I think it is about having the conversation to 8 enable there to be an assessment about what the patient 9 needs. I mean, I think, yes, we have an assumption that 10 we're here to save lives and to treat everything before us. 11 12 In fact, sometimes a person might be at the point in their life where they don't want active treatment for 13 a condition, and before assuming that that's what they 14 15 want, we should have the conversation.

As our clinicians will tell us, the time for having 17 that conversation is not when somebody's in an intensive 18 19 care unit, intubated and ventilated. It's too late to have 20 that conversation with a family at that point. It's something that needs to occur earlier and we need to be 21 22 able to have it in an ongoing way, because we need to be 23 also conscious that circumstances change and people's views So it 24 change about what care they would like to receive. 25 needs to be that constant reference but it's so critical that we do that because sometimes patients don't want us to 26 27 intervene.

The example would be one of the fantastic programs that was established around chronic renal disease and dialysis and having pathways that are alternate to being actively dialysed.

34 Those models have been introduced over the last five 35 years or so and have involved our palliative care 36 physicians working with our renal physician, and giving people an option about not going on to active dialysis 37 38 treatment but maybe being treated in a supportive way 39 around their symptoms, but doing that in a way that enables our clinicians to feel safe in giving that option and 40 having patients feel like they are not being abandoned by 41 the system if they choose not to be actively treated. 42

That's a direction we need to go, because that's being well received by our patients and our clinicians feel very supported with that change also. It's an example of where thinking about how we do things differently and ensuring

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that we're responding to patient needs, but having the 1 2 system designed around that, is so important. 3 4 DR CHANT: I think the key element of that is the strong 5 evaluation of that program and being able to present data to patients around the experience and the evidence to 6 7 support choice, the patient choice, across the two arms. I suppose that's probably something that we would like more 8 discussion around - the patient's goals of care, have those 9 as frequent discussions and around end of life. 10 11 12 It's probably something our system is naturally focused on, you know, saving lives, but the quality of 13 a person's life at their end of life and the quality of 14 15 death is really also an incredibly important component. Some clinicians would say that's, for them, so important; 16 they've seen the benefit of those discussions. 17 It's a complex area but it's probably an area we need more focus 18 19 on, just ensuring those discussions are embedded as 20 a patient moves through our system. 21 22 MR GLOVER: Is that part of the patient-centred approach 23 that we discussed yesterday? 24 25 DR CHANT: That's correct. That's correct. 26 MR GLOVER: 27 If we can go back to the Future Health Report, 28 [SCI.0001.0010.0001] on page 9 there, thank you. 29 30 Under the three dot points that I took you to earlier, 31 there's the observation that that distribution reflects the 32 historic hospital-focused approach, which we spoke about, 33 and it has been an appropriate model for decades, but in 34 the paragraph below, it's recognised that there's a need to 35 shift and the shift is planned. What barriers does the 36 current funding model, if any, create for that shift that's contemplated in this report? 37 38 39 DR LYONS: We've talked about the --40 THE COMMISSIONER: Which funding model? 41 42 43 MR GLOVER: That's a good question. I'll start again. 44 45 Does the NHRA provide enough flexibility within its framework to enable this shift to occur whilst maintaining 46 47 the integrity of the current system?

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DR LYONS: Our contention would be no, because of the issues we've outlined, I think through evidence yesterday, around how difficult it is to get changes in the general list and the funding of those different approaches to delivering care, particularly outside of hospital settings. So that's an issue within the NHRA.

There's also the issue around the driving of activity into hospitals, as we said, because of the incentive to get revenue streams. I think how we address those within the context of the activity based funding model is also an issue.

15 But then there's the intersection with the other financing systems because, as we said, the whole of the 16 system is not just what happens in the NHRA; it's also what 17 happens through the MBS schedule and access to Medicare 18 19 funding; it's what happens in the Pharmaceutical Benefits Scheme and those sources of funding; it's decisions that 20 21 are made around what happens with private health insurance, 22 what it covers and what services are covered and delivered 23 through private health insurance; it's also what patients 24 are prepared to pay for out of pocket.

So all of those factors come to bear on how we support 26 27 this shift and the intersection between those funding models and sources of funding and how they relate to each 28 29 Unless we make changes that support that direction other. in all of those different components of funding, we won't 30 31 see the shift in service delivery because the incentives 32 will be in the wrong place and we won't see the change we 33 want to see without that clear direction through the 34 funding models and the intersection of those funding models. 35

MS WILLCOX: Could I just add to that, one of the things that we need to do to contend with the chronic disease and change in demand is to come up with different models of care and innovation to accommodate the change. Dr Lyons has referred to the structural and financial components of that.

44 One of the issues is around how things are costed, and 45 that IHACPA, that we talked about yesterday, is very much 46 about an in-hospital activity, and to broaden the scope of 47 that to allow more hospital avoidance and things that would

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help people with chronic disease into that, things that are 1 in-scope, would be helpful.

Yesterday again Dr Lyons, I think, mentioned about a number of innovative models that the system in New South Wales had developed and our ability to get those funded through the Commonwealth, albeit a collaborative, collegiate process, took an inordinately long time because the actual structures made that a cumbersome process.

MR GLOVER: Is that a cumbersome process because what the 11 12 NHRA structure looks at is what is described in the Future Health Report as a "traditional hospital focus", whereas 13 what you're trying to deliver is something more innovative 14 15 to meet the current demands of the community?

MS WILLCOX: That's correct. 17

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19 DR LYONS: That's correct, yes

Also clearly it doesn't pick up the additional 21 DR CHANT: 22 cost that may be overrepresented in some areas around the 23 provision of these other attendant services to get the same outcome, what we would call colloquially "the wrap-around 24 25 services".

27 It also doesn't actually reflect totally what evidence-based prevention care would be fit for purpose in 28 29 those settings, acknowledging that our hospitals are not there to replace general practice, but there are some clear 30 31 evidence-based prevention activities that our hospitals 32 could systematically implement, which would be in the best 33 interests of the patient, that are not reflected adequately. 34

36 MR GLOVER: And which otherwise might be provided in the 37 primary health care system?

39 DR CHANT: That's right but again we know, for instance, 40 that there's evidence that in tobacco cessation, even just systematically having a very brief intervention by the 41 specialist, and then supported and followed up by the 42 43 primary practitioner, that intervention by the specialist will actually have traction. 44

MR GLOVER: Back to the joint report, please 46 47 [MOH.9999.0001.0001] at paragraph 157. One of the

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potential responses to the issue we've just spoken about is 1 2 an increased focus on outcome based funding going forward; 3 is that right? 4 5 DR LYONS: Absolutely, I mean, I think --6 7 MS WILLCOX: I think so, yes. 8 -- it's where we need to go, because at the 9 DR LYONS: moment it's difficult for our clinical teams, when they 10 don't have those feedback loops around the outcomes. 11 12 That's why we're building the system around collecting those outcomes more systematically. It's not just those 13 hard outcomes like mortality and morbidity; it's about 14 15 those outcomes that are important to a patient being 16 delivered, and fed back to the care teams to ensure that 17 what they're doing is actually patient centred, that is delivering to the patient's need and is not wasteful in 18 19 terms of delivering things that they don't want. 20 21 MR GLOVER: What would an outcome based funding model look like? 22 23 DR LYONS: It would need to reflect that the outcomes are 24 25 being delivered for the funding to be - so it could be that 26 there's an incentive created to ensure that if the outcome 27 is delivered, the revenue provided for that treatment is perhaps at an incentivised rate, if the outcome is 28 achieved; if it's not achieved, it might be at a discounted 29 There are some examples of where this has been tried 30 rate. 31 in different systems around the world. 32 33 The evidence is mixed about how you pay for quality and outcomes in terms of the evidence that I have seen. 34 In 35 part, I think because it's really important that we define 36 what those outcomes are very clearly, that we're able to assign accountability to the care team or the practitioner 37 38 delivering it, and ensuring that when those outcomes are 39 delivered, all of the other systems that need to be in 40 place to support it, as well as the financing - it can't just be around a funding lever; it has to be around those 41 enablers being linked up as well to ensure that those 42 43 outcomes are able to be delivered. 44 DR CHANT: I think it's important to say we're probably 45 using the term "intermediate outcomes" and basing it on 46 47 where evidence-based care that we know through longer

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studies is linked to particular outcomes.

As an example, there may be certain patients that are discharged from hospital with follow-up advice to undergo other diagnostic testing. We know if they don't undergo that diagnostic testing or commence medication that was prescribed or continue medication that was prescribed again this goes to the fact that it has to be clear where the accountability lies, but it may be that we need to fund and acknowledge that there's a greater cost in connecting to the primary care practitioner. It may be that we put in an intermediate follow-up process.

For instance, in some districts they have done 14 15 follow-up from admission. The Aboriginal health workers or practitioners might follow up those who have been 16 17 discharged from emergency departments, just to make sure they're connected to care, they've got follow-up, they've 18 19 got their blood results back. So it may cost us more to do that connection, but we know that if we don't do that 20 connection, then that person is likely to re-present. 21 So 22 it's funding that connection component.

MR GLOVER: So do I take it from that answer you're not just speaking of if the outcome is good, you get more, if it's bad, you'll get disincentivised, but also there's actually a funding model that recognises and funds that sort of connectivity?

DR CHANT: Connection to primary care, be it data, 30 31 infrastructure to support outcomes or data to link. But it's recognising that ultimately, to get the outcomes for 32 33 that patient, to prevent them readmitting, connecting them 34 in to an ongoing care model is going to be critical, and 35 therefore we have to work to look at what would be that 36 funding for that connection - because it requires more 37 effort on both parts than at the moment.

39 DR LYONS: When I was talking about incentivising, the 40 important thing is to recognise that to do that well and get the best outcome might mean more effort is involved or 41 more work has to be done. If those components aren't 42 43 delivered, then we shouldn't pay for them, if they don't It's about linking the outcomes to the components 44 exist. of care that are required to achieve that outcome. 45 That's the reference around incentivising and disincentivising. 46 47

1 MR GLOVER: And incentivising the work to create those 2 linkages that Dr Chant referred to, is that part of the way 3 it may, as set out in paragraph 157, improve access 4 particularly for vulnerable cohorts?

DR CHANT: Yes.

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MS WILLCOX: I was just going to add that our service 8 level agreements, some of these measures are process 9 measures but they are increasingly focused on outcomes, in 10 terms of keeping people safe and well and quality care and 11 the like, when you look at things around we have targets 12 around childhood obesity, smoking in pregnancy, discharge 13 against medical advice, immunisation, all of these. 14 So. yes, they are KPIs for the purpose of the service agreement 15 but they're designed around producing better health 16 17 outcomes in a population sense, in a local health district, as opposed to just talking about individual outcomes that 18 19 we're referring to.

- THE COMMISSIONER: Is there any difference between I've seen various forms of payments or funding models described as outcome based funding models or value based funding models. Are they one and the same thing?
- 26 DR CHANT: "Outcomes" is used caution needs to be 27 applied in looking at when the term "outcomes", is used. 28 I've seen it used in many things that we wouldn't perhaps 29 see as outcomes, so there needs to be that forensic look at 30 it. Your other comment I think related to --
- THE COMMISSIONER: Value based. So just for example -I mean, I have seen both of those, but in the addendum for the long term health reform principles, it says - this is C1(b):

37 [The priority of] delivering safe,
38 high-quality care in the right place at the
39 right time through
40 ...

- (ii) paying for value and outcomes.
- Are they different concepts, "value" and "outcomes", in
 terms of the funding model?
- 46 DR CHANT: I think "value" goes to sustainability and 47 evidence but I think they're interrelated.

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1 2 They're interrelated, I think. DR LYONS: They're 3 slightly different but interrelated. Paying for value is in terms of assessment of the resource consumed for --4 5 THE COMMISSIONER: For the outcome. 6 7 DR LYONS: Yes, for the outcome, and the outcome is what 8 9 are you seeking to achieve from the treatment. 10 MR GLOVER: Paragraph 163, please. 11 12 That picks up an issue I raised with you not long ago, 13 Dr Lyons, about the ability of the system to adapt - that 14 is, the ABF system - to new models of care. 15 I think we 16 touched on the notion that new models can blur the 17 boundaries, hence creating the difficulty. Are there some examples of new models that have encountered this 18 19 difficulty - that is, getting recognised by IHACPA for ABF funding? 20 21 I'm just trying to think about a specific 22 DR LYONS: 23 example. I know we've put submissions up for a range of different things around care being delivered in different 24 25 It's primarily around settings outside of what settings. have been traditional hospital settings, because anything 26 27 that's construed as being outside of the scope of those hospital services is considered to be a change in the scope 28 29 that the Commonwealth should be responsible for. 30 31 It's been primarily in those sorts of models where 32 we've tried to drive care to be delivered not in the 33 hospital setting but outside of it. I'll have to come back 34 to you with a specific example, but certainly the general 35 issue is that the list is constraining and is fixed, and it's very difficult to get agreement that there should be 36 a service funded under the NHR arrangements outside of that 37 specific list. 38 39 MR GLOVER: 40 Is there engagement between the other states and territories around these issues? 41 42 43 DR LYONS: There is, and the states and territories have put up some issues, like we have in the past, for funding, 44 and had some that have been successful but a lot that have 45 been unsuccessful, for the very reasons that I have 46 47 outlined.

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2 We would argue that there needs to be greater 3 flexibility. But it needs to be done in a safe way, because I can understand why the Commonwealth would be 4 concerned about investing in services, unless there's 5 a demonstrated benefit in terms of the evaluation and the 6 7 evidence around that being an appropriate shift and leading to the things that we have talked about, more efficient 8 delivery of care, better outcome for the patient. 9 Those concepts needs to be a critical component of the assessment 10 of those services up front. 11

MR GLOVER: If there's lack of flexibility in the ABF
 model, is that a reason why other sources of funding from
 the Commonwealth may be sought as being appropriate to deal
 with new models of care, for example?

DR LYONS: That's correct. So we are constantly putting 18 19 forward concepts around how we might progress activities that drive us in the direction we want to go to in the 20 future health strategy to get that better integration. 21 Those examples have been through the types of work we've 22 23 done with integrated care and collaborative commissioning, as examples, but also the work we've done with aged care 24 25 services to provide support for residents in aged care facilities. 26

28 MR GLOVER: Can we go ahead to paragraph 170.

The "Single Front Door" there is raised. What is that initiative and how does it fit in with the integration of care that we've spoken about?

34 MS WILLCOX: The single front door is a model to enable 35 individuals in the community to make contact through what 36 is a national organisation called Healthdirect that is funded by the Commonwealth and the states. 37 By contacting 38 the single front door, a clinician will be on the end of 39 the line who will, using algorithms and other protocols, 40 give guidance to a person on the phone who is raising concerns about their health and their symptoms. 41

The real transformation around this is about what
sorts of services a person can be directed to.
Traditionally, it would have been an emergency department,
if it sounded serious, call an ambulance, which is
absolutely the right thing to do if something is. But

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through the single front door, the plan is to connect
people to their GP if appropriate, to a deputising GP
service if they don't actually have a general practitioner
themselves, or one not available, and then through to other
new and emergent services called "urgent care services" and
"urgent care centres", which are a Commonwealth initiative.

We also have, through the single front door, a virtual kids line as well. So it's about giving a range of service options based on clinical algorithms and protocol to an individual to avoid going to an emergency department if they don't need to, but giving a suite of options that would be appropriate for their needs at any given time.

15 DR LYONS: It's off the back of a couple of things. The first is that we understand from work we've done with our 16 17 communities that when people want to access care for something they're concerned about, particularly in an 18 19 after-hours situation, they're often not aware of anywhere else to go other than to an emergency department. 20 That's 21 the first thing.

23 During COVID, we actually established and enhanced 24 these services for people who had positive COVID results to 25 access care without having to turn up to a clinical service and doing it through the use of telehealth. 26 So on the back 27 of those experiences, we're now saying we actually could expand access to care through these means, as long as we're 28 29 able to triage and assess people appropriately, but also have a range of different places to refer them, depending 30 31 on the assessment of their condition.

So we need to reorient our service delivery model. 33 34 If this is going to be the access point, there's got to be 35 a place for someone to receive the care they need after 36 So it needs a total redesign of the way that assessment. 37 we do things. Urgent care centres will be a part of it; access to primary care and having agreement with GPs, for 38 39 instance, that they might have some vacant slots available 40 the next day for patients who are assessed through this It's going to need process to be seen if they need to be. 41 a lot of work to actually get the system set up to enable 42 43 this to occur in a way that gives confidence to the community that when they access through this portal or this 44 process, they will access the care they need safely and 45 confidently every time. But it is a direction we think we 46 47 need to go, because otherwise, people will just continue to

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turn up to emergency departments. Notwithstanding the investment in urgent care services and centres and all those things that are very good, that won't necessarily meet all of the needs, and it's about how we redirect some of our efforts into these strategies that enable better access but better organisation of the service delivery models.

- 9 MR GLOVER: Is part of that program designed to, as 10 Dr Chant mentioned earlier, connect people with primary 11 care where they may not have had it in the first place?
- DR CHANT: I think the driver for that is that there are strong links to primary care in the pathway, so it will be emphasising the importance of having the primary care provider, and our messaging always is, "Talk to your primary care provider first".
- 19 This is probably more when the primary care provider isn't available that people would call it, but again, it's 20 an important service and there is a lot of care and 21 22 attention that has been going on in the design of this 23 service, again, to make it acceptable and have high utility for our culturally and linguistically diverse communities. 24 25 So that attention is going from the design of it, again, because we don't want to find that technology 26 27 actually further --
- 29 MR GLOVER: Creates another barrier.
- DR CHANT: -- creates another inequity, so that is a real consciousness of how we provide that, what training we need to provide, access to interpreters, and how we support access to appropriate services.
- MS WILLCOX: It is about getting people to the right place at the right time. Obviously our focus is in mitigating the increasing demand in the emergency departments, but our intent is to make sure people, as I say, get access to the right location.

But importantly, just to share a statistic, of 61,000 people who contacted the centre, 48 per cent of them had said they intended to go to an emergency department but made this call instead and got some different advice. So, you know, that was avoidance of 29,000 attendances to our emergency department. So it gives you some sense of the

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- potential scale of this, but also how important it is for
 individuals to get the right advice.
- 4 MR GLOVER: Getting care which they need, which may well 5 be outside the hospital environment.
- 7 MS WILLCOX: Yes.
- 9 DR LYONS: Yes.

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MR GLOVER: If we go ahead to paragraph 186, in that
 paragraph it describes workarounds in the aged care
 setting. Are there other examples of workarounds that have
 had to have been implemented by NSW Health.

MS WILLCOX: 16 There has been a number of models that our 17 local health districts have undertaken in order to prevent unnecessary admission of elderly people into our emergency 18 19 departments. You will have probably heard the term "flying squads" or "in-reach teams" - usually our geriatric 20 services, nursing staff in particular, who will be deployed 21 22 to go to an aged care facility and attend to a patient; it 23 might be a catheter change or a wound dressing or something simple, a simple process like that. A number of the LHDs 24 25 have a direct link in with the ambulance service so they can see when an ambulance is being deployed to an aged care 26 27 facility and can intercept that call and have a discussion with the paramedic on site and with the staff on site at 28 29 the aged care facility and make a decision there and then whether that care can be provided by the paramedic or 30 31 whether the geriatric in-reach team then come and visit the aged care facility to provide care, or, if necessary, the 32 33 person can be transferred to an emergency department.

So there is a variety in terms of how the models are applied, but in the main, it's about either an in-reach service or a diversion service or a virtual and hybrid model where a decision is made whether a person stays or is transferred to hospital.

41 MR GLOVER: Are there any examples outside of the aged 42 care setting of workarounds that have been developed to 43 address issues of increased demand on the system?

DR CHANT: I think in all of the areas whereby there is
a subtlety of flow of patients to our system that are
affected by general practice access. So I've given you the

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example earlier on around our sexual health services, so some of the additional services we've put in place are things like telemedicine; for our drug and alcohol services, we've put in telemedicine support, and purchased centrally to deal with some of the workforce constraints.

Some of those patients may well have been able to be
managed in primary care but, again, that's a workaround to
support rural and regional. So a number of our initiatives
have multiple purposes, but they are responding to the fact
that there is this unmet need.

DR LYONS: There are examples of after-hours medical 13 services that have been established in partnership in 14 15 various districts through relationships with the general practitioners as well as the local health district, to 16 17 provide access to after-hours care where that is not available, where there have been models like in Western 18 19 Sydney looking at the access to specialists and backing up the care to ensure that patients don't end up in the 20 emergency department if that can be avoided. 21

So there are examples of these where the system has developed arrangements to try to prevent ED attendances.

Urgent care services are another example of where they have been established and are now being built on and enhanced as an alternate to an emergency department attendance. They are all services that have been built to try to avoid or change the need for a person to turn up at an ED because that's the only avenue they've got for accessing care.

MR GLOVER: "Urgent care services" have been mentioned a few times. What is an urgent care service? Why is it an alternative to an ED?

38 DR LYONS: Urgent care services are about creating a level 39 of service that is available in situations where maybe 40 access to primary care is not as easily accessible - so 41 evenings, weekends - and where there is a service that 42 includes primary care physicians, clinicians, ideally, who 43 can be involved in assessing patients who may not have the clinical needs of an emergency department but can be cared 44 for appropriately in that environment, and it gives another 45 option available to people who feel they've got an urgent 46 47 clinical condition that can't wait until they could access

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care through other means, but then can actually access 1 a service that doesn't mean turning up to the emergency 2 3 department as the only option. 4 5 MR GLOVER: And to the extent that includes primary care, how is that funded? 6 7 DR LYONS: Those services are being established - the 8 Commonwealth has agreed to a number of them that are being 9 implemented in New South Wales. I can't remember the 10 number exactly from the Commonwealth, but I think there are 11 about 10 of those for New South Wales; and New South 12 Wales's state government has committed to a further number 13 as well to enhance the total number of those services that 14 are being established over the next 12 months or so, to 15 ensure that those services are available as an alternate. 16 17 MR GLOVER: So there is a combined funding arrangement 18 19 between the Commonwealth and the state to fund those services? 20 21 DR LYONS: That's correct. 22 23 24 MR GLOVER: If we go ahead to paragraph 205, please: 25 26 Integrated funding models to support care 27 in the community need to be fast-tracked with a more blended funding model moving 28 29 away from a reliance on ABF in dominating decisions on budget allocations at the 30 31 state level. 32 What do you mean by, firstly, "integrated funding models", 33 and then, secondly, "blended funding models"? 34 35 36 DR LYONS: So "integrated" means that the sources are from 37 different sources than they currently are, so starting to 38 look at those funding systems that exist, that we've talked 39 about before, the ones that the state's responsible for, the ones that the Commonwealth is responsible for, and 40 starting to look at how they are integrated to enable that 41 shift in care into the community setting. 42 43 It's our contention that we can't continue to move 44 services into the community setting without support from 45 the Commonwealth, because just as they are concerned around 46 47 the general list and the NHRA, we are starting to stray

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into territory that is historically provided by the
Commonwealth, and the state can't continue to expand what
it does without a contribution from the Commonwealth to
support that shift.

MR GLOVER: Is that because, to the extent it does so now, it's not receiving a Commonwealth contribution?

That's correct, and because if we go in and 9 DR LYONS: solve those problems in the primary care space and find 10 solutions for them with state funding, without a commitment 11 from the Commonwealth, it's taking away from all of the 12 other things we need to do and the pressures that we're 13 under and the things that we've talked about, the reasons 14 15 why we've got to continue to fund hospitals at a certain level. We can't continue to expand into other places 16 17 without the support to do so. So that's the integrated funding models. 18

The "blending" is away from activity being the only 20 basis on which only services are funded, starting to think 21 about bundling payments or looking to have a contribution 22 23 from different sources but not necessarily tied around an 24 episode or an activity, starting to be more programmatic in 25 thinking so that we're not driving this activity and episodic approach, we're actually thinking about more 26 27 continuity and time-based to enable the appropriate care to 28 be delivered. That's the sort of thinking.

MR GLOVER: Are these conceptual ideas or are there examples in practice in other jurisdictions?

33 DR LYONS: There will be examples. You know, block 34 funding and some activity based is an example, we have 35 those in our system already; we do that. It is building on 36 those types of models but it is where the block comes from 37 and where the activity funding comes from and how that's 38 administered and delivered in a way that gets the best 39 service delivery model.

I think we have some examples that we can build on there, but there is much more that needs to be done in that space, but we have to have agreement that it is an appropriate direction to go and that we're not actually compromised by those shifts in terms of the current funding we receive.

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That would be the sort of direction we want to go. It's building on knowledge we already have, and there will be examples in other jurisdictions when this occurs as well.

MS WILLCOX: Some of the collaborative commissioning that 6 7 we have seen in New South Wales is about one program of work going between a group of general practice and the 8 state system, but they tend to be individual programs as 9 opposed to having the change of structure that is required 10 to enable that to become the norm, as opposed to a boutique 11 12 piece of work that is done because of relationships or individual general practice and the relationship with 13 a local health district. It's about making it the norm. 14

16 DR LYONS: Systematising it.

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DR CHANT: And perhaps even just changing the narrative 18 19 away from recognising that there will be components of a service that are ABF but then block funding for 20 evidence-based services to address particular models of 21 care to live with that equity lens or equivalent outcomes. 22 23 So I think it is really around more explicitly calling out that and maybe funding those initiatives that support that 24 25 either integration with primary care or additional models of care that need to support that equity outcome. 26

28 MR GLOVER: There is a word of caution in the last 29 sentence of paragraph 205 about the need to consider 30 underlying equity and the responsibility to maintain the 31 safe operation of the public health system. That seems 32 obvious, but why is that an important focus that must not 33 be lost sight of in this debate about funding models?

35 MS WILLCOX: It is the sharing of risk and how that is 36 managed so that we can continue to do what we do and adapt 37 and change with what is required. But, yes, we would have 38 to make sure that anything that we moved towards didn't 39 negatively impact on vulnerable communities or impact on 40 the issues of equity that Dr Chant has talked about and enable us to continue to care for people safely. 41 It is just a management of risk and a sharing of risk and 42 43 a clarity of roles and responsibilities that you have to keep your eye on as you do any change management exercise 44 or change a structure or model. 45

MR GLOVER: Can we go ahead to paragraph 207. "The lack

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of social licence to implement alternative models of
 service delivery" - what do you mean by that?

I can start. I think the term that we're 4 MS WILLCOX: using there is to reflect what might be community 5 6 expectation and expectations of our clinical teams as well 7 that over a long period of time, the traditional models of delivering care and what patients expect - it might be 8 going to a general practitioner, expecting an antibiotic 9 when they have a cold. from the simplest interaction to 10 some of the more complex - and I think we talked yesterday 11 12 a little around capital planning for our hospitals and the size and scale and the huge investment we make in those, 13 and how do we start to have discussions with community 14 around what might be some alternative models, and how do 15 they want their care to be delivered in their community. 16

18 So I think social licence is about expectations and 19 our ability, as people working in the health system, with 20 clinicians in our teams, to have this community engagement 21 and to start to explore other models and what patients and 22 communities see as appropriate.

MR GLOVER: Does that flow from the fact that people are used to be being treated in a hospital setting, although current evidence may suggest they are in fact better treated outside of that setting? Is that the type of issue you are raising?

MS WILLCOX: That would be one element. 30 I think, as we 31 have said, it is a tremendous system and people have huge confidence and care about their hospitals, and that has 32 33 been built up over many, many, many decades and that's 34 a great thing. We want to have conversations with them 35 about how else and where else they might receive care, but 36 not see it as a plan B, but plan A might be to stay at home 37 and apply some remote monitoring and have a team visit you 38 once a week or connect you virtually. It is about 39 exploring these options with the community so that they 40 feel safe, and that confidence they have in our hospital system is equally translated into an alternative way of 41 42 providing care to them.

MR GLOVER: Does that mean the conversation around this is
"It's not a substitution of what you had, but this is
perhaps a better model"?

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Yes, we have to be able to articulate the 1 MS WILLCOX: benefits for them and develop that trust and confidence 2 3 that this is not just because the hospital is busy, you know, "You are making me go elsewhere", or "You are making 4 5 me stay at home". The conversation has to be one, "That's I would be very happy to go home because I know 6 terrific. 7 someone is going to ring me every day or a nurse is going to attend or I've got an application on my phone that helps 8 me monitor and self-manage my situation." 9 10

MR GLOVER: This picks up on a point made by the
 Commissioner yesterday of the importance of taking the
 community along on that journey; correct?

15 MS WILLCOX: Yes.

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17 MR GLOVER: And the workforce?

19 MS WILLCOX: Definitely.

21 MR GLOVER: Are there any barriers to those conversations 22 either commencing or being progressed at the moment?

24 MS WILLCOX: We have our Health System Advisory Council 25 that we talked about yesterday, and we also mentioned that we are establishing a similar statewide group for our 26 27 consumers, I mean at a very peak level. That's not 28 a conversation with our workforce and the community of 29 itself, but it can start there, to start as to how we frame 30 these discussions.

32 I think probably some of our colleagues in our 33 regional and rural areas, whilst they have some 34 particularly difficult issues to confront, they are 35 actually closer to community, there are local health 36 advisory committees in our local health districts in the 37 regions that allow very strong interface with community 38 leaders, local government and the like, to engage in what 39 they want in the health service. I think I mentioned yesterday there is a small group of regional communities 40 that are actually doing some active service planning. 41 So it is about finding the right mechanism to connect, and not 42 43 all communities are the same. 44

45 MR GLOVER: Did you want to add something, Dr Chant? 46

47 DR CHANT: No.

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2 MR GLOVER: Dr Lyons?

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I would say this: it certainly was highlighted 4 DR LYONS: 5 through the recent rural and regional health inquiry and the fact that we need to do better in this. 6 The 7 expectations, quite rightly, from any of our communities who feel safe about having a hospital in their environment, 8 but the expectations around what that hospital will do, are 9 still in times that are well and truly past. I mean, the 10 ability for a hospital to have a doctor who is available 11 24/7, in solo practice - that's not safe and it's not 12 sustainable. 13

15 Equally, having somebody who can deliver a baby, who can do an operation, can give an anaesthetic, those days 16 are long gone where those services can be sustained by 17 having one or two or three people. The requirements for 18 19 safe care and appropriate care and the expectations that people would have from the services we deliver can't always 20 be delivered in sites that they used to be delivered, and 21 that's just by nature of the fact that the technology, the 22 23 evidence, the skills required to do those things safely, have altered and the expectations about who can do that 24 25 well have also altered.

27 There are requirements about how many deliveries you need to do to maintain skills, how many anaesthetics you 28 29 continue to do, in what circumstances, to maintain skills. All of those things have changed over the last 10, 20 30 31 years, and perhaps our communities are not aware of those shifts and we do need to do a lot better in explaining the 32 33 reasons why things need to be different than the way they 34 used to be.

36 MR GLOVER: And does NSW Health more generally require 37 some more support from other government agencies to make 38 those conversations easier with the community?

DR LYONS: 40 I think we need to do better in communicating that. I mean, we heard a lot of feedback from local 41 42 government about unhappiness with our services. Those 43 connections are important to maintain, those relationships We need to do better in that 44 are important to build. regard, that's clear. We need to have the feedback that 45 our local politicians hear from their communities. 46 We need 47 to alter that, because sometimes the advocacy occurs around

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- keeping services available that are not sustainable, and an
 understanding and appreciation of why that needs to be
 different is something we need to work hard at delivering
 for the whole community.
- 6 MR GLOVER: Is that an education of the community or the 7 politicians or both?
- 9 DR LYONS: I think the politicians are a reflection of the 10 community, so it is fundamentally about how we get those 11 messages through in a way that people feel safe that these 12 changes are appropriate and that are being delivered in a 13 way that they feel comfortable with.
- 15 THE COMMISSIONER: Can we just go back to paragraph 205.
- 17 MR GLOVER: Yes.

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19 THE COMMISSIONER: It was too quick for me. Can I just ask, when we're saying "with a more blended funding 20 model" - look, there are other people we can explore this 21 with as well, but I'm just writing down what I understand 22 23 to be the models, firstly. There's fee for service, which we understand; there's activity based funding; there's 24 25 capitation, which can be just based on population, but it can be risk adjusted for particular demographics or dealing 26 27 with a population with particular disease; and then there By "blended funding model", first of all, are 28 is salary. 29 you talking about integrating these models to provide best value and best outcomes? Is that, at the highest level, 30 31 what is being suggested there?

- 33 DR LYONS: That's correct, Commissioner. I think the 34 sources of the funding and the way it is administered and 35 delivered - we would like to see much more integration 36 around that. The components you have mentioned about the 37 various options --
- THE COMMISSIONER: Are there any other options other thanthose?

DR CHANT: Maybe if I give just an example with Ms Willcox around maternity care, and the reason we chose that is because of the incredible importance of that first 2000 days. But, for instance, the maternity care would currently be provided as an episode of admission, but we would know that increasingly there is a lot of prevention

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opportunities, like preconception, there is a lot of
prevention opportunities within pregnancy, in vaccinations,
screening, supporting tobacco cessation in pregnancy,
modifying other risk factors, and the question is: does
the current activity based funding model reflect the
intensity that that requires?

Then we know there will be some sub-populations within 8 9 our population of pregnant women who will benefit from things like sustained home visiting or specific programs 10 such as substance use in pregnancy. So we actually have 11 a blended funding model where we say, "The actual baseline 12 admission to hospital, maternity care pathway, costs X. 13 But actually, for a proportion of the population, you need 14 to factor in sustained home visiting" - and it may be 15 20 per cent of your cohort depending upon your demographics 16 of your population - "and also these prevention services 17 need to be beefed up in pregnancy, this is a profile of 18 19 your pregnant women, this is what you would need and this is an additional, perhaps, workforce, additional model that 20 we would need to support that intensity." So there would 21 It still could be sort of 22 be a component of funding. 23 a modified ABF funding, but it would accept that these other things are important add-ons to achieve the outcome 24 25 we want for the mother and the family overall.

27 We might also say that, for instance, smoking cessation - our model of care might actually have to be the 28 29 family, not the woman. So the pregnant woman might - but actually, to have a holistic intervention we might need to 30 31 deal with a number of other complex issues in that family. 32 But actually, the intervention might be more with the 33 family, and that's not something that is aligned with an 34 ABF where the clinical service might see that it is the 35 mother that is the patient; actually, we might need that 36 broader intervention for the family, again to get those 37 outcomes.

39 Because in early childhood we do have incredibly good longitudinal data, and what we would be aiming for is for 40 the children to be well and have school readiness, we want 41 them to be retained in education, and so we have worked 42 43 across with linked datasets to look at that long term That's why we need these investments in these 44 trajectory. things that perhaps strictly wouldn't be funded through an 45 ABF model. 46

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1 MS WILLCOX: Yes. Nothing further.

MR GLOVER: Commissioner, I don't have much to go, and with the benefit of lunch I may even be able to truncate it further. Can I suggest a slightly earlier adjournment and I will be a bit more efficient after the break.

8 THE COMMISSIONER: All right. We will come back at 9 2 o'clock. We will adjourn until then.

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11 LUNCHEON ADJOURNMENT
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13 THE COMMISSIONER: Yes, Mr Glover.

15 MR GLOVER: Thank you, Commissioner.

Dr Lyons, just before lunch you were giving an example of services that may no longer be able to be delivered in a regional area due to changes in technology or the way those services are delivered. Do you remember that passage of evidence?

DR LYONS: I do.

MR GLOVER: You gave the example of a baby being delivered in a facility that may have two or three clinicians. The changes that you spoke about, are they accreditation changes?

DR LYONS: Yes, they're requirements for maintenance of 30 31 professional skills that are set by the colleges. For GP obstetricians I think there's a joint program between the 32 College of Obstetricians and Gynaecologists and the College 33 34 of General Practitioners who come to agreement about the 35 ongoing requirements for maintenance of skills for people 36 who are practising as GP obstetricians.

38 MR GLOVER: If you're able to tell us, what does that 39 process involve in terms of reviewing and setting those 40 parameters?

DR LYONS: I'm not sure of the detail of the processes other than I can say that both of the colleges come together and make a decision about what appropriate practice looks like in the current context to maintain safety and in the context of the skills that need to be maintained for safe practice, and then would promulgate the

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position that they have, which then, by and large, the 1 2 public health system would follow. 3 If you're not aware, please say so, but does 4 MR GLOVER: 5 that take into account community expectations around those 6 issues? 7 DR LYONS: I don't think that would be the major driver. 8 I think the major driver would be looking at international 9 evidence around best outcomes for a mother and baby and how 10 safe high quality care could be maintained within the 11 12 profession rather than what the community expectations 13 might be. 14 15 MS WILLCOX: If I could add just from a service perspective, local health districts too will monitor, if 16 17 we're talking maternity, the number of deliveries, particularly some of our smaller district hospitals as 18 19 well, and the college is obviously relevant to the obstetrician and gynaecologist, but equally it's about the 20 skill mix of the team that is involved in the maternity 21 22 services, not just the single practitioner. So the skill 23 base is diffused amongst other groups not just the 24 obstetricians. 25 When you're referring to that skill mix, can 26 MR GLOVER: 27 you just expand on what you're actually --28 29 MS WILLCOX: The midwives and the allied health professionals who would be working with an obstetrician for 30 31 the antenatal and the delivery and the postnatal care of a There is an interdisciplinary team there, 32 woman and baby. 33 and the volume issue applies equally. An obstetrician, in 34 theory, may say, "I do X number of deliveries in the private sector, that means in hospital Y it's not relevant 35 to me because I do enough according to college 36 requirements", but the "enough" has to be about the entire 37 38 service, not just the individual practitioner. 39 40 MR GLOVER: That is because it may be clinically safe in accordance with those guidelines for that practitioner to 41 deliver the baby, but then there's a whole series, a range 42 of other care that needs to be delivered as well. 43 44 MS WILLCOX: Correct. 45 46 47 MR GLOVER: I didn't quite hear that last passage of your

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answer, but do the volume and regularity of that care being 1 2 delivered apply to those other professionals in that space 3 as well? 4 5 MS WILLCOX: We don't specifically count the procedures against every clinician, it's more the service is 6 delivering X number of babies or providing that particular 7 procedure, so as the service it's the volume that is 8 relevant to, not to the individual practitioners in our 9 hospitals. 10 11 12 MR GLOVER: If the colleges set those standards that Dr Lyons was referring to earlier, do they automatically 13 bind those practitioners or is there another layer of 14 oversight from the ministry level as to how they're 15 implemented? 16 17 DR LYONS: Usually, as I said, the districts would take 18 19 the college recommendations and apply those in relation to the clinical privileges that an appointed clinician might 20 Usually there's a direct relationship between what 21 have. the colleges might stipulate and that flows through into 22 23 how the services are delivered. 24 25 MR GLOVER: Thank you. Building on another passage of your earlier evidence, Dr Lyons, the Strengthening Medicare 26 27 Taskforce - you were involved in that? 28 29 DR LYONS: Yes, I was, yes. 30 31 MR GLOVER: What was that process directed to --32 DR LYONS: 33 That was --34 35 MR GLOVER: -- other than strengthening Medicare? 36 DR LYONS: It was established by Minister Butler and the 37 incoming Labor government when they were elected federally 38 39 to look at how supports could be provided to improve primarily general practice in the context of Medicare. 40 It was really around what needs to be done to strengthen the 41 42 Medicare support for general practice and primary care. 43 MR GLOVER: A report was delivered at the end of last 44 45 year? 46 47 DR LYONS: That's correct.

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1 2 MR GLOVER: Can we have on the screen 3 [SCI.0001.0053.0001]. 4 Commissioner, this isn't presently in the tender 5 bundle. I have a hard copy here, if you wish. 6 Otherwise we'll mop it up tomorrow in tomorrow's tender. 7 8 If we go to page 9, there are a number of 9 recommendations throughout the report, but on page 9, there 10 are some dealing with the connectivity and sharing of data, 11 which was one of the matters you raised earlier, Dr Lyons. 12 Do you see in particular point 2: 13 14 15 Better connect health data across all parts 16 of the health system ... 17 DR LYONS: Yes, I do. 18 19 MR GLOVER: Do you have that? 20 21 DR LYONS: Yes. 22 23 MR GLOVER: And that's a recommendation that has been made 24 25 in other reviews and inquiries over the years; is that 26 right? 27 28 DR LYONS: Yes, that's correct. 29 30 MR GLOVER: Part of the work that has been done within 31 NSW Health to achieve that is the single digital patient 32 record? 33 That's correct. 34 DR LYONS: So, by having one single 35 digital patient record for the whole state, my 36 understanding is, there are probably two, or maybe three maximum, software packages that GPs use mostly, it will 37 allow us to develop interfaces. I think ultimately the aim 38 39 is to develop interfaces with those two software packages that are used by the GPs to enable the exchange of 40 information electronically which is currently not able to 41 be done systematically. 42 43 It will go some way but perhaps not all of the 44 MR GLOVER: 45 way to meeting that second recommendation; is that right? 46 47 DR LYONS: It will go substantially to meeting that

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recommendation, if we can ensure that integration occurs in
a way that the information is presented meaningfully at
both ends.

MR GLOVER: This issue, if I can put it that way, having been raised over a number of years, have there been any barriers to it being implemented?

9 DR LYONS: I think in part the barriers have been on the state side as well as the Commonwealth side, because the 10 state's hospital medical records systems have not always -11 so we've had six or seven different instances of our 12 That means you would have to create 13 patient record system. seven or eight interfaces with the GP software just in 14 15 New South Wales for that to be effective, and the consistency in how that information would be conveyed may 16 17 not be there - so by having one system.

But I understand in other states, each hospital might have a different system, so the challenge of actually creating enough links between the various systems that exist to enable that to occur seamlessly nationally is a major barrier.

25 I think the emphasis was put into My Health Record and trying to create a repository of information that would be 26 27 useful across the system, I think in its current form My Health Record hasn't delivered, because it is more 28 29 a repository of PDF style - where information is uploaded, and often it isn't uploaded by everybody who is involved in 30 31 the person's care, what's available is just PDFs and it's 32 not searchable in a way that is easy to access for 33 They go searching for things and can't find clinicians. 34 So it's not helping them in the patient care. them. But 35 my understanding is that the Digital Health Agency, which 36 is a national agency that is supporting electronic information in healthcare settings, is looking at 37 establishing a new approach to My Health Record where it 38 39 will be modernised and be more fit for purpose.

Ultimately we see the benefit of actually dot point 2 being the major benefit because it will enable real-time clinical information to be shared that will help patient care at the point of care for clinicians.

46 MR GLOVER: And is it a costly exercise to set up these 47 linkages?

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2 DR LYONS: It is. The single digital patient record in New South Wales - that is a hundreds of millions of dollars 3 investment for the state. 4 5 MR GLOVER: Is it the availability of funding being 6 7 a barrier to implementing the data sharing? 8 9 DR LYONS: I think in part funding, but also the good thing about New South Wales is there has been consistency 10 in IT systems statewide for some time. We have a common 11 12 payroll system, we have common financials, we have a common procurement process through the systems that exist across 13 the districts and HealthShare. 14 15 16 Moving towards a single digital patient record is 17 a direction which has been supported by a number of those changes in New South Wales over the years. I think it's an 18 19 example of the benefits of that centralisation we've been talking about versus the sort of governance. We've got the 20 centralisation agreement around the information systems but 21 devolved in terms of how they're used at the local level. 22 23 24 MR GLOVER: The single digital patient record project, is 25 that being funded entirely by New South Wales? 26 27 DR LYONS: It has. Ms Willcox may want to comment, because I think you're chairing the steering group for it, 28 29 aren't you? 30 31 MS WILLCOX: Yes. It's entirely funded by the state. 32 THE COMMISSIONER: 33 Have you gone off this? Are you 34 finished? 35 36 MR GLOVER: I will be in a moment. 37 38 THE COMMISSIONER: Sorry, are you going back to it? 39 MR GLOVER: 40 No. 41 THE COMMISSIONER: This report was obviously drafted to 42 43 be at the highest level of generality, was it? 44 I can't comment on that, Commissioner, I didn't 45 DR LYONS: draft it, but it's a summary of the discussions --46 47

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THE COMMISSIONER: Read what I just said in bold. 1 So 2 I assume the recommendations are all to be fleshed out 3 later, are they? 4 5 DR LYONS: The detail about how this will be implemented and the time frame over which it will be done, yes, are a 6 7 subject for the Commonwealth. 8 For example, in relation to primary 9 THE COMMISSIONER: care. "Recommendation": 10 11 12 Support general practice in management of complex chronic disease through blended 13 funding models integrated with 14 fee-for-service, with funding for longer 15 consultations and incentives that better 16 promote quality bundles of care for people 17 who need it most. 18 19 I imagine the detail of that --20 21 Are you going to ask me to explain that, 22 DR LYONS: 23 **Commissioner?** 24 25 THE COMMISSIONER: I reckon it's pretty self-explanatory. All of these are just, as I said, incredibly general with 26 27 the detail to come later; is that right? 28 29 DR LYONS: I think the detail is to be further agreed in terms of the timing and the support for that in terms of 30 31 changes to investments that need to be made. 32 THE COMMISSIONER: 33 I mean, recommendation: "Strengthen 34 funding to support more affordable care" - that sounds 35 fantastic. What does it mean? 36 DR LYONS: I think some of those changes have occurred. 37 There have been changes to the incentive payments for bulk 38 39 billing for certain groups. I think those things have been 40 progressed. 41 Do you want to make any comments, Ms Willcox? 42 43 MS WILLCOX: I just wanted to add, Commissioner, in terms 44 of the Commonwealth's progression of this work, they've 45 set up some subgroups now - I am participating on one 46 47 currently - that relate to dedicated bodies of work --

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1 2 THE COMMISSIONER: There were only six meetings of this 3 task force, though. 4 5 MS WILLCOX: Yes, that Dr Lyons was --6 7 THE COMMISSIONER: So two pages per meeting to get to the 12-page report. Okay. 8 9 So you are tendering that? 10 11 12 MR GLOVER: Yes. I propose to do it as part of tomorrow's tender, if that's convenient. 13 14 THE COMMISSIONER: 15 That's fine. 16 17 MR GLOVER: If we can go back to the joint report at paragraph 211, this paragraph lists a number of, as 18 19 described there, "governance and funding barriers". We've touched on many of them. There are just a couple that I'd 20 like to go to. Subparagraph (d): 21 22 23 Insufficient investment in multidisciplinary care, and lack of focus 24 25 on generalists, allied health and nurse practitioners and enhancing scope of 26 27 practice. 28 29 At which level of the system is that directed, or which levels, perhaps? 30 31 32 MS WILLCOX: I think we were focused on primary care in this context. 33 I would have to read the preceding 34 paragraphs, but I think our reference was as part of 35 primary care, but I suspect relevant to our own services as 36 well. 37 DR LYONS: It's relevant to our own services as 38 It is. 39 well as others'. 40 MR GLOVER: And "insufficient investment in 41 multidisciplinary care within the NSW Health services" -42 43 what do you have in mind? 44 45 DR LYONS: I think we have examples of fantastic multidisciplinary care but there are also examples of where 46 47 we can do better, particularly, I think, in the out of

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hospital community space about how the care teams are organised, and there's clarity around optimising who does what to ensure that the services are appropriately accessed for patients who are receiving care in those settings.

6 It's also, I think, highlighting the importance of the 7 development of roles like nurse practitioner roles. We 8 have a number of nurse practitioner roles in the system, 9 but there is an opportunity to think about more nurse 10 practitioners in the settings that we operate from too, 11 with skills that would support the delivery of health 12 services.

14 MR GLOVER: Why would that be of benefit?

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DR LYONS: 16 Particularly in areas where we don't currently 17 have doctors, for instance, who are able to do things because of issues around workforce distribution and 18 19 availability and supply, so we've often got nurse practitioners in emergency department settings across the 20 We've got examples of nurse practitioners with 21 state. 22 advanced skills in neonatal intensive care, that provide 23 services for neonatal babies. We've got examples of where 24 nurse practitioners are providing a primary care type model 25 for communities.

There is an opportunity to expand the number of those and provide more nurse practitioners for those settings, and we certainly heard through the rural and regional health inquiry, that there was an opportunity to have more of those clinicians available in those settings and that would provide better service delivery.

MR GLOVER: Are there governance barriers to that occurring?

DR LYONS: 37 Not so much governance barriers in our context. 38 I think it's more around the fact that we probably haven't 39 given enough focus to the investment in the training and skills development of those categories of staff and 40 providing career opportunities to enable people to see the 41 potential of going into those roles. Certainly that's 42 43 become much more of a focus, we've talked about it in the We've had strong programs that maybe 44 last 12 months or so. haven't been as advanced over the last few years, and there 45 have been some other distractions that we're aware of, but 46 47 we are reactivating those now.

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2 The models of care, too, have evolved where MS WILLCOX: 3 we've identified that, potentially, an allied health practitioner or a nurse practitioner may actually be the 4 5 more appropriate health professional to provide that service and it doesn't necessarily have to be a medical 6 7 So some of the insufficient attention to practitioner. this in part could be described as things have changed and 8 moved along and we've seen new models of care where we can 9 have a different emphasis. 10

MR GLOVER: Are there funding barriers to thisdevelopment?

DR CHANT: I suppose I could, perhaps before answering that question, give you some other examples.

18 MR GLOVER: Yes, please.

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DR CHANT: Clearly, we're also looking at the role of Aboriginal health workers, which are important, and Aboriginal health practitioners, and making sure again we've got clear role delineation, utilising those practitioners to their full scope.

We're currently looking at whether we can provide additional training so Aboriginal health practitioners can be involved in immunisation activities. There's a strategy to reach and achieve even higher coverage in Aboriginal communities.

32 Some of the examples that there are sometimes funding 33 barriers but also probably an example where the 34 Commonwealth has taken action to address this is we've 35 recognised, and we particularly recognised through COVID, 36 the important role that pharmacies did as complementary to 37 the work of our primary care practitioners, our GPs in 38 rolling out vaccines. We've known that they did perform 39 that function for influenza, but throughout the year we've 40 really increased the scope and scale of vaccines that are 41 available to the pharmacists under the National Immunisation Program, which are funded vaccines from the 42 43 Commonwealth.

45 But from the beginning of next year, 1 January, the 46 Commonwealth has actually introduced a remuneration payment 47 to pharmacy for the provision of the NIP vaccines. Again,

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that removes a particular barrier which would be 1 2 a financial barrier, and so building up immunisation 3 services through pharmacies will complement the important role primary health care continues to play in immunisation 4 5 But that's an example where there's a funding services. mechanism that has now been introduced to support that 6 7 extended scope, whereas otherwise there would have been a co-contribution barrier from the patient. 8 9 MR GLOVER: And enhancing the scope - reference has been 10 made throughout the evidence to other trials and 11 investigations in that area? 12 13 DR CHANT: That's correct. 14 15 MR GLOVER: 16 Subparagraph (e): 17 Inability to regulate where or how medical 18 19 health specialists consultative care is provided, resulting in activity being 20 driven to the public ... system. 21 22 23 What did you mean by that? 24 25 DR LYONS: I can start off. This is an example of where we've got a maldistribution of specialists across the 26 27 state. If you move outside of the metropolitan settings, 28 the number of specialists in many communities is limited, 29 which leads to difficulties in access, either because of geographical distances to travel, or because those 30 31 specialists are so busy that the waiting times to access them are very long, or because there are significant out of 32 33 pocket costs to actually see the specialist that mean that 34 patients can't afford to access that specialist, or we've 35 heard anecdotally that even in some situations, specialist 36 referrals might need to be screened before they're accepted, before they'll accept a referral from a general 37 practitioner, or where there might be a view that --38 39 THE COMMISSIONER: Sorry, what does "screened" mean? 40 41 So that rather than accept a referral, the GP 42 DR LYONS: 43 will be asked to forward a referral letter to the receptionist of the specialist practice, and the specialist 44 will review whether or not that's an appropriate patient to 45 be seen, before the referral is accepted. 46 47

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We've also heard that, in some situations, there's a question of whether or not the patient is privately insured, and if there's no private health insurance, then the patient is not able to be seen at that specialist practice either.

7 All of those factors, whether or not they exist - and 8 I'm not saying they exist everywhere but they are factors 9 that we have heard - are impacting on the ability of 10 members of the public to access specialist care, so often 11 that means those patients will end up in the public system 12 on our waiting lists for our patient care or in our 13 emergency departments.

- MR GLOVER: Is the inability to regulate that's being
 referred to in subparagraph (e) pointing to an inability of
 NSW Health to influence those types of circumstances?
- DR LYONS: We have no control over any of those circumstances. We are completely powerless on that and just respond to the situation.
- MR GLOVER: Aside from driving demand into the public
 health system, are there any other impacts on the delivery
 of care by those circumstances?
- 27 DR CHANT: I think it's really important that when we look 28 at disparities in access, conditions that are particularly 29 elective - what might be seen as more elective in nature -30 can be amplified because access to those procedures occurs 31 through largely a specialist system, so this just 32 contributes to some of the inequities of access.
- MR GLOVER: Finally, to paragraph 212. Dr Lyons, you, I think, referred perhaps yesterday to the development of health hubs that are referred to in this paragraph. What do you have in mind by a health hub?
- 39 DR LYONS: I think I outlined some of the concepts, which 40 are collocation of services that the state provides with 41 services that might be provided by other providers.
- 43 MR GLOVER: Are there examples in existence now?

DR LYONS: We have some examples. They're not widespread, and what we would like to see is building on those that currently exist, evaluating their effectiveness and making

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them more systematised in terms of the delivery of those types of models. Part of it is the capital that's available to do that. We need to probably think about the types of facilities that we actually have available for people to work from and whether or not we can support more of those being delivered.

8 MR GLOVER: These are different to MPSs?

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They wouldn't have inpatient care, for DR LYONS: Yes. 10 instance, they would be focused on delivering care in 11 12 community settings and allowing the multidisciplinary team, whether that's our teams or the teams that exist in primary 13 care groups, diagnostics services, whether that's pathology 14 or imaging, some specialists, allied health and medical 15 16 specialists to be available in the one setting to enable 17 that holistic care around the patient and ensuring that the patient wasn't asked to go from one place to another, to 18 another, to another, to another to ensure that they could -19 you would have pharmacy services on the site as well, so 20 you would be able to provide a one-stop shop. 21

23 What we hear from many patients is an advantage coming 24 to an emergency department is that it is a one-stop shop. You get all those things together and if you need 25 medications, they'll be provided to you in the acute 26 27 circumstances as well. So replicating that type of model to enable people to access holistic care and be treated 28 29 effectively in the one space is the sort of model we're talking about. 30

- MR GLOVER: In terms of funding, would that be wholly funded by the state or would there be a Commonwealth contribution?
- 36 DR LYONS: Ideally there'd be a contribution from the 37 Commonwealth as well, particularly for the services that 38 are existing on the Commonwealth side.
- 40 MR GLOVER: Is there a barrier to, if the state was
 41 delivering general practitioner type services, receiving
 42 funding under the MBS?

44 DR LYONS: If we are salarying the doctors, there 45 is section 19(2), I think, of the agreement, which says 46 that people can't access an MBS benefit unless there's an 47 application made and there are certain criteria that need

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to be met for that to be agreed to. So salaried doctors 1 2 But if they're doctors who are working would be an, issue. 3 within the MBS arrangements they can access those payments. 4 5 There are some examples, aren't there, of MR GLOVER: those exemptions having been granted? 6 7 DR LYONS: We have examples of things like the 8 There are. single employer model in the Murrumbidgee where that's to 9 support general practice training and ensuring that 10 ultimately GPs are retained within rural communities. 11 12 MR GLOVER: Just briefly describe that model. 13 14 15 DR LYONS: It's a model where rather than - so for most of 16 the specialty training in our system, specialists are trained within the public health system, apart from general 17 practice. So nearly all of the other specialties are 18 19 trained within our services. 20 21 General practice is unique in that people train in general practice settings, which are outside of our 22 23 responsibility. So historically we've had no 24 responsibility after the first couple of years of 25 graduation, and then people will choose to do general 26 practice training. 27 28 Part of that is that they relinquish the employment 29 arrangements they have with the system, the state, and go into an arrangement where they negotiate contracts of 30 31 employment with the various supervisors in those practices. 32 33 What we heard from trainees, and the reason it drove 34 the single employer model, was that that was a barrier for 35 people who were just graduating and embarking on a career, 36 that they lose the certainty of entitlements of an 37 employment arrangement and have to go into a contracted 38 arrangement, which is not ideal. 39 40 Having the single employer model enabled the candidates who wanted to go into that training to feel more 41 confident about going into that training, because they knew 42 43 they were in an employment arrangement that went for the length of time they would be in training, and enabled the 44 services to support them as they went through that training 45 and with a view that, at the end of that training, the 46 47 practitioners would want to stay in those environments and

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continue to work with those skills. 1 2 3 MR GLOVER: In addition to the training benefits, there are also the benefits in having services on the ground to 4 5 be delivered to the community? 6 7 DR LYONS: Absolutely. 8 MR GLOVER: Is that model being expanded? 9 10 DR LYONS: Yes, through the success of that model, which 11 emanated in the Murrumbidgee, the Commonwealth have 12 supported that expansion, and we are looking at expanding 13 that right across the state into the rural and regional 14 15 settings across the state. 16 17 MR GLOVER: Is that another example of being able to develop this hub model of care? 18 19 20 DR LYONS: It's an example of innovation and developing new ways of doing things that require flexibility. 21 Ultimately, it could lead to the development of these hubs, 22 23 but it doesn't necessarily, of itself, lead to those 24 outcomes. 25 MR GLOVER: That's all I have, Commissioner. 26 Thank you. 27 Thanks. Did you want to 28 THE COMMISSIONER: All right. 29 ask anything, Mr Cheney? 30 31 MR CHENEY: No, Commissioner. 32 THE COMMISSIONER: 33 Thank you all very much for your time over the last two days. It is greatly appreciated. 34 Thanks. 35 36 We adjourn until 10 o'clock tomorrow? 37 38 39 MR GLOVER: 10 o'clock tomorrow. 40 THE COMMISSIONER: All right. We will adjourn until then. 41 42 AT 2.27PM THE SPECIAL COMMISSION OF INQUIRY WAS ADJOURNED 43 TO THURSDAY, 30 NOVEMBER 2023 AT 10AM 44 45 46 47

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