# Telehealth COVID-19 and beyond

Wednesday 19 May 2021



# Video telehealth in Australian general practice Who? Why? How?

Dr. Andrew Baird

MA MBChB DRANZCOG DA FRACGP FACRRM



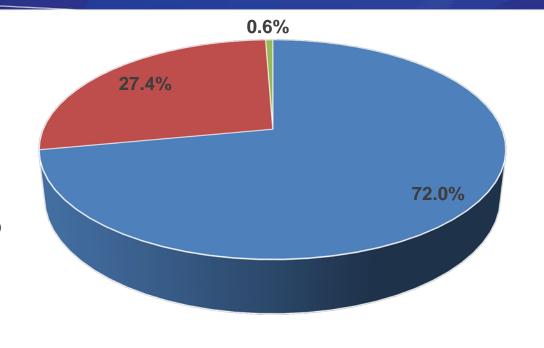
### 149,213,674 GP services (A-D, MH, GPMP, TCAs)

1 April 2020 to 31 March 2021

The phone bill was ...

\$1.8 billion

92.2% of level A-D phone services were at level A or level B



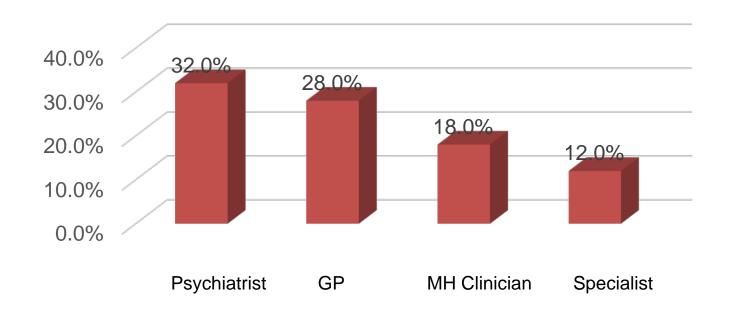
There were 5% more GP services in the 12 month period April 2020-March 2021 than in the 12 month period March 2019-February 2020 (142,204,547)

■ IN-PERSON ■ PHONE ■ VIDEO

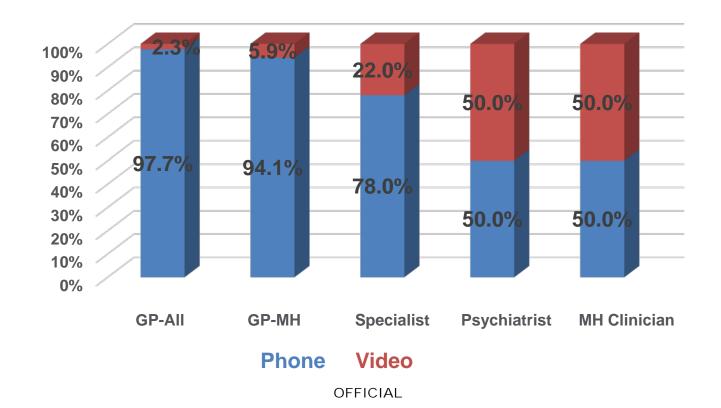
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#### Proportion of services by Telehealth

GP data for April 2020-March 2021. All other data for March 2021



# Proportion of Telehealth services by phone and by video GP data for April 2020-March 2021. All other data for March 2021



# Journal of Telemedicine and Telecare

#### Official Journal of

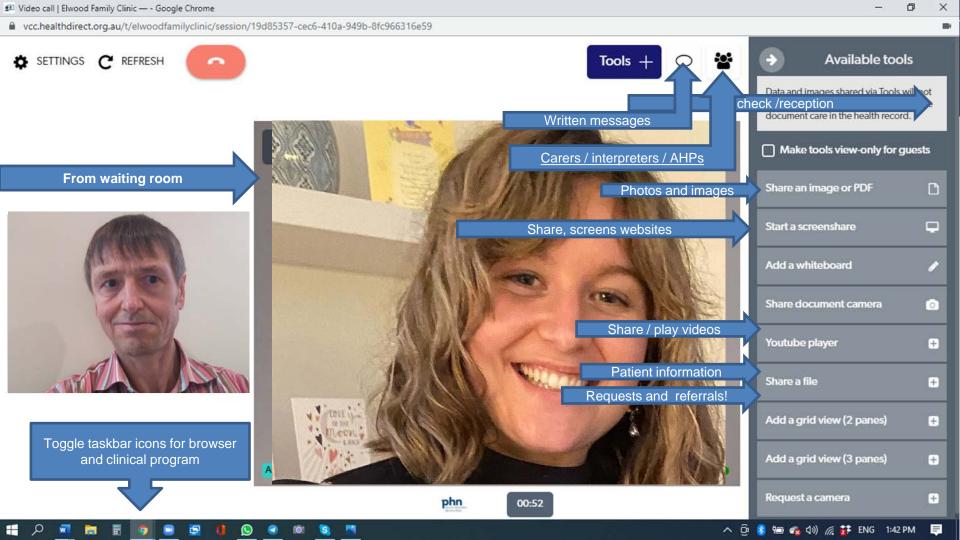
Australasian Telehealth Society
Telemed Austria
Danish Society for Clinical Telemedicine
Dutch Association of eleatht
Finnish Society of Telemedicine
International Society for Telemedicine
ond eHealth
Swiss Society for Telemedicine and eHealth
Telemedicine and eHealth Section of the Royal Society of Medicine



American Telemedicine Association







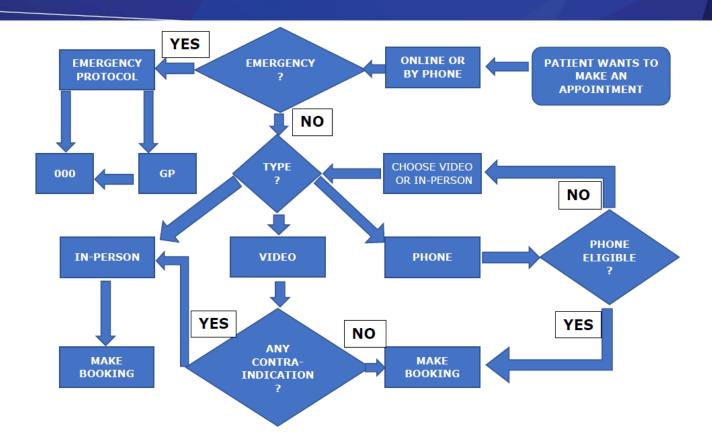
### Barriers, attitudes, solutions, opportunity to reset



Versus



## My telehealth decision making process





# The future of telehealth: how do we get there?

## Wendy Chapman

Jo-Ann Manski-Nankervis

Vicki PalmerDaniel Capurro

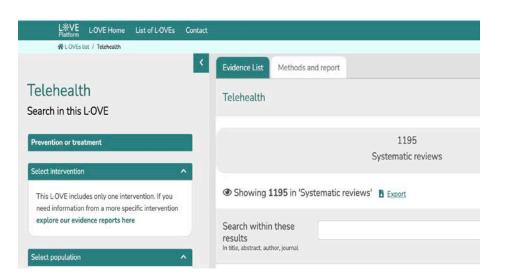
# Centre for Digital Transformation of Health

CONNECTING DIGITAL INNOVATION TO HEALTH



### Telehealth is a great option

# Telehealth has been successful ...and mostly popular



A survey of more than 1100 GPs conducted by the RACGP in April showed more than 99% are offering consultations via video or telephone.

NEWS

## GPs have embraced telehealth, survey finds

RACGP survey results from July show GPs and patients are seeing the benefits of telehealth consultations – but there is room for improvement.



GPs who use video said they find it to be more personal, it helps them in assessing the patient, and that it aids them in undertaking a physical examination.



## Telehealth is not good enough

## Keira

About to be a first-time mom

During a COVID-19 pandemic

Not what she expected



### Transition to telehealth

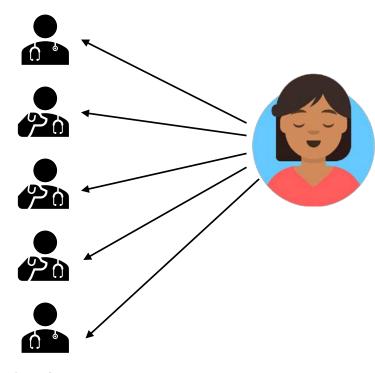
Able to continue visits during lockdown



### Transition to telehealth

5 visits, 5 midwives

Each like a first visit



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Prenatal classes canceled

"Search the internet for videos and Information"



What information from the internet can I trust?





How are you feeling?

Pretty good.



That's great. See you next month.





#### Notepad

- 1) Why is...
- 2) How should I ...
- 3) Is it normal to ...



# Is this visit as comprehensive as it would be in person?







- 1) Why is...
- 2) How should I ...
- 3) Is it normal to ...

What were your weekly blood pressure measurements?



Notepad				
1)	1	23	/8	

- 2) 118/75
- 3) 115/81

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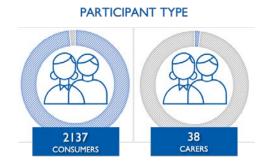
## Beyond vanilla telehealth

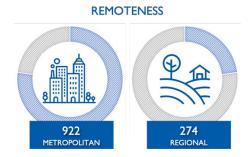
#### Patients deserve better

Telehealth is a critical platform for connecting with more sophisticated remote patient management technologies which support the prevention, diagnosis and treatment of health conditions via digital medicine and digital therapeutics technologies."

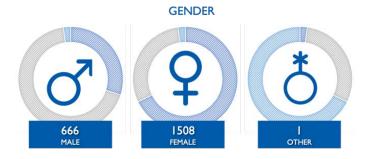
Bronwyn Le Grice, ANDHealth

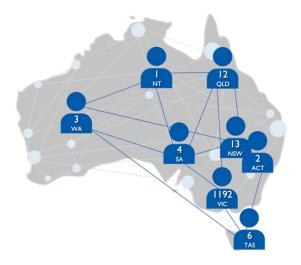
#### Asking Australians what they want for virtual care of the future





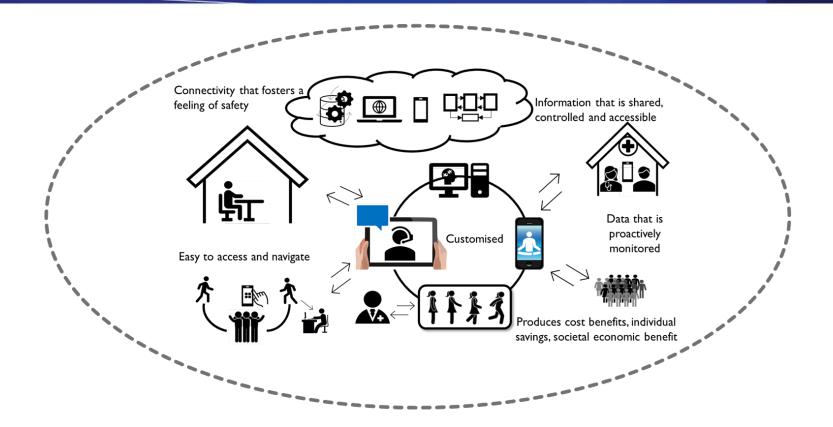
Co-design Living Lab research registry participants Integrated Mental Health Research Program in Dept of General Practice



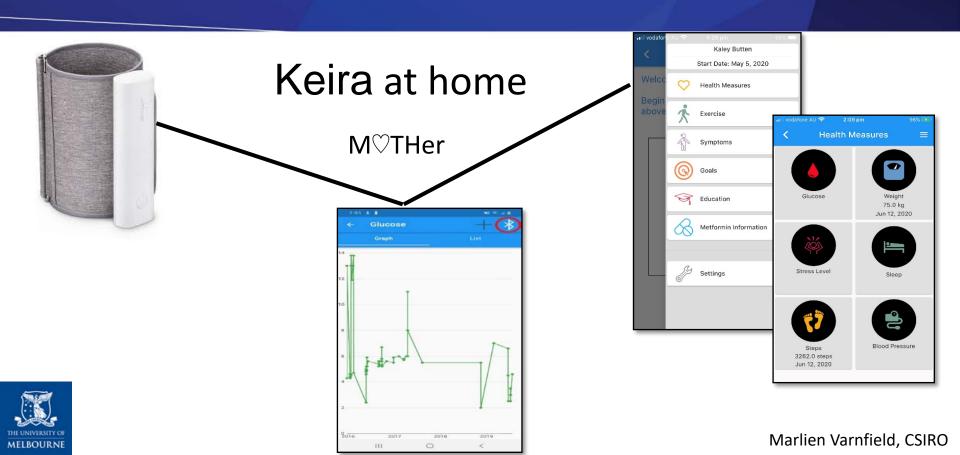


Victoria Palmer, U of Melbourne

#### 44 contributed ideas of how they imagine virtual care in the future

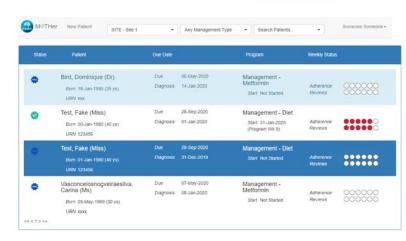


## The technology is here





Vitals Weight Fundal height Care plan Education **Alerts** Recall





Alert Manager

Alert Settings



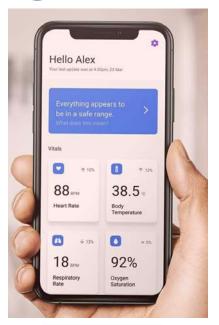




Connected health

## Virtual Care in the GP Setting





CovidCare: A clinical trial of the safety and efficacy of a self-monitoring app for Covid-19 symptoms and the mental health impacts of self-isolation

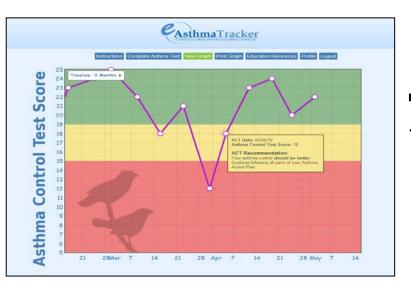
University of Melbourne

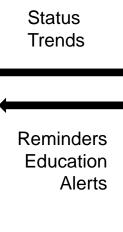
- Department of General Practice, Integrated Mental Health Research Program
- Centre for Digital Transformation of Health, Swinburne University
   Altona North Medical Group





- significantly fewer visits to the emergency department and hospital
- significantly reduced oral steroid use
- 60% fewer missed days of school
- •improved quality of life
- parents missed 70% fewer days of work







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https://unews.utah.edu/children-who-use-asthma-tracking-app-have-better-disease-control-and-fewer-hospital-visits/

### Telehealth Add-ons



Add-on Marketplace



Sign in



#### Medipass Claims & Payments

Published by Medipass

Process online healthcare claims and payments with ease

Learn more >



#### Script Concierge

Published by Chemist 2U

Script Concierge

Learn more >



#### YouTube Video Player

Published by Co

Share YouTube videos within your Coviu call

Learn more >



#### Video Player

Published by Coviu

Share your own videos within your Coviu call

Learn more 🔷



#### ResAppDx Respiratory Cough Test

Published by ResApp

Clinically accurate remote respiratory cough testing by ResApp Health

Learn more >



#### Wechsler Intelligence Scale for Children®– Australian and New Zealand Fifth Edition (WISC-V A&NZ)

Published by Pearson

The latest version of the most proven and trusted cognitive ability measure.



#### Drag'n'Drop Interactive Game

Published by Covi

Build interactive drag-and-drop games



#### Clinical Evaluation of Language Fundamentals Australian and New Zealand Fifth Edition (CELF-5 A&NZ)

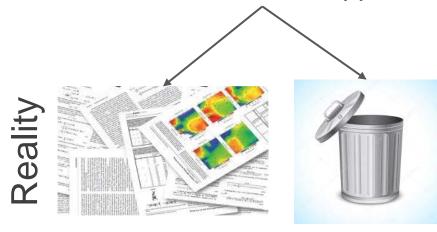
Published by Pearson

The CELF-5 A&NZ battery of tests for language assessment of Australian and New Zealand students Learn more



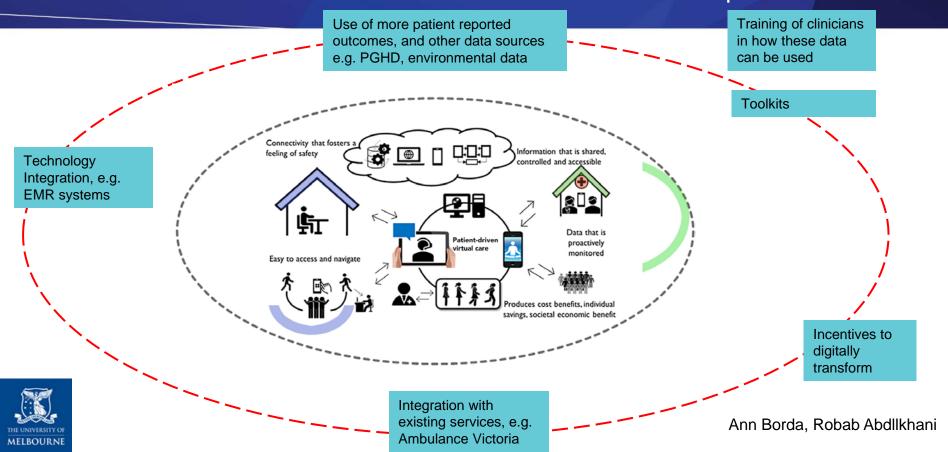


400,000 health apps



The translation of innovation to healthcare practice is too slow

# Critical Ingredient – Embedding in the healthcare system We asked clinicians what enablers are needed to achieve the patient vision



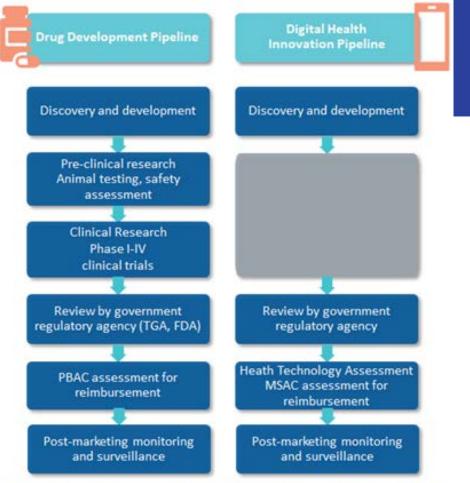


Figure 1. Comparison between the analogous drug development pipeline and the digital health development pipeline highlighting the current gaps in the digital health development pipeline that will be addressed by the Validitron.

There is a gap in implementing and evaluating digital health innovations

# Addressing key questions from the outset

GPs are not reimbursed for reviewing population dashboards

More data??? It must integrate with the EMR

This is going to mess with our workflow

How would we implement this in our clinic?

Digital Health Validitron

Feasibility, impact assessment and value pathway

Preclinical development and validation

measurement

Continuou

Clinical implementation and evaluation

Post-marketing monitoring and surveillance

What information is needed for payers to consider new reimbursement models?

Digital sandbox for building data flows using standards

SimLab for co-designed and validation using simulated cases

Pilot testing

**VicREN** - a practice-based research and education network

https://medicine.unimelb.edu.au/school-structure/general-practice/engagement/primary-carecommunity





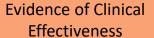












Evidence for Reimbursement Models

Value Proposition Pitch



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## Thank you

Wendy.chapman@unimelb.edu.au



## COVID-19 Vaccination Program

Victorian update and discussion

Ben Cowie
Executive Director, Strategy, Planning and Clinical Governance
COVID-19 Immunisation Program
Department of Health



#### Vaccine number

Vaccine doses	Total	Last 24 hours
Total doses administered	324,743	8,917
Dose 1	260,035	7,042
Dose 2	64,708	1,875

**Note** 18 May data. This data does not encompass vaccine doses administered by the Australian Government. All national data can be found on the <u>Australian Government's Department of Health website</u>.

#### Vaccine program rollout update

- All people aged 50 years and older are eligible to receive the AstraZeneca vaccine available at all vaccination centres, immunising general practices and GP respiratory clinics
- More people under 50 years old became eligible for Pfizer vaccine from 17 May
- Increasing access to vaccination for the disability care workforce and people with underlying medical conditions
- Vaccine supply Moderna announcement
- Regional access approx. 30 sites live

## Thank you for participating tonight

Department of Health and RACGP's next webinar Wednesday 16 June, 6pm-7pm
Topic – Preparing for Winter



