

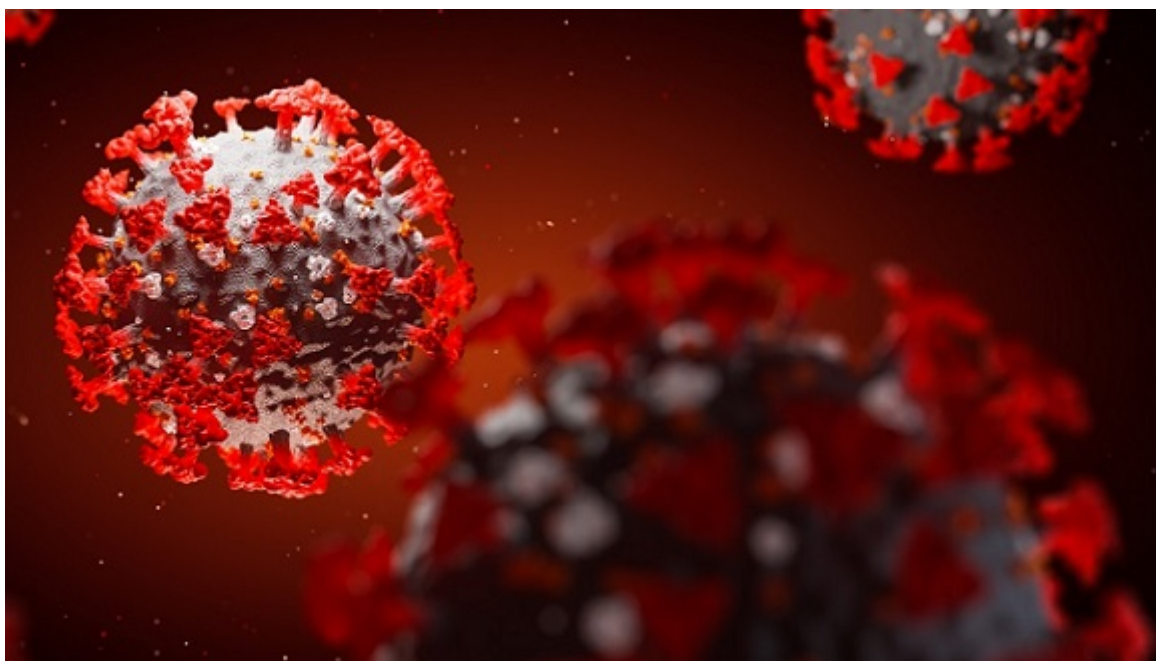
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# AIHI Innovate

## Issue 1. 2022

Australian Institute of Health Innovation  
Faculty of Medicine, Health and Human Sciences  
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## What did we learn from monitoring the impact of COVID-19 on general practice?

The Centre for Health Systems and Safety Research at the Australian Institute of Health Innovation, Macquarie University is pleased to announce the publication of a new report "Monitoring the impact of COVID-19 on general practice - A suite of impact measures for Australian General Practice".

The new report, led by Professor Andrew Georgiou, defines a suite of ten impact measures for general practice.

The report is a deliverable of a research project titled COVID-19 – utilising near real-time electronic Australian general practice data to establish effective care and best-practice policy which was undertaken as a collaboration between the Digital Health Cooperative Research Centre, Macquarie University, Outcome Health, Gippsland, Eastern Melbourne and South Eastern Melbourne Primary Health Networks (PHNs), and the Royal College of Pathologists of Australasia Quality Assurance Programs, with participation from Central and Eastern Sydney and South Western Sydney PHNs. The project was funded by the Digital Health Co-operative Research Centre with project

ethics approval provided by Macquarie University Human Research Ethics Committee.

[CLICK HERE FOR OPEN ACCESS TO THE REPORT](#)



## How far has the Learning Health System come?

Recently published research led by Professor Jeffrey Braithwaite aims to enrich understanding of how to progress to a highly effective Learning Health System.

Taking an “implementation science” lens, the review maps out the empirical research that has been conducted to date, identifies limitations, and suggests future directions for the field.

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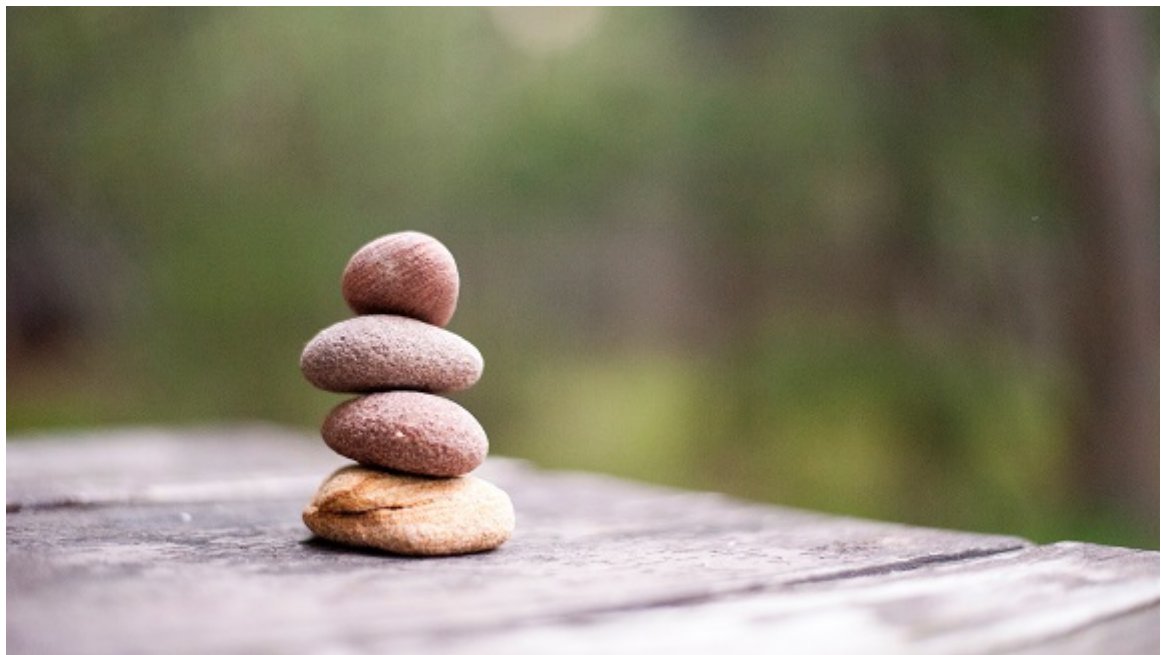


## Despite the best efforts, not all research produces results that stand the test of time

When Professor Enrico Coiera led research to assess the frequency, fidelity and impact of replication studies in clinical decision support system (CDSS) literature, the results were clear. From 4063 publications matching search criteria for CDSS research, only 12/4063 (0.3%) were ultimately identified as replications.

While producing significant findings, several new reporting methods were also developed for this study including the IMPISCO framework, fidelity scores, and fidelity heat maps. In addition, a reporting structure for clearly identifying replication research was also proposed. The research is published in the *Journal of the American Medical Informatics Association JAMIA*.

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## Would you like to know more about implementation science?

The AIHI Implementation Science Interest Group (ISIG) is a thriving online community of people passionate about implementation science and practice and improving the

health system. The ISIG welcomes researchers, clinicians, managers, policymakers, consumers and students.

The ISIG meets monthly and provides recordings of most presentations and discussions. [Visit the website](#) for further information and contact details.



## Do you have a passion for research? Find out how to study with us.

AIHI offers a unique program of multidisciplinary research training encompassing information, communication, cognitive and organisational science to support health service and biomedical innovation. You can choose from undergraduate projects or postgraduate programs and scholarships are available.

- Scholarships
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- Postgraduate programs - Masters and PhD programs
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The Australian Institute of Health Innovation (AIHI) at Macquarie University conducts world-class research with national and international research communities, governments, policymakers, providers of health services, managers, clinicians, patients and the community. Our work underpins health reforms and systems improvement, providing new tools, perspectives and evidence to help stakeholders who are interested in making the health system more effective, efficient and productive. Our overarching aim is to produce new, high quality research evidence to support change, prevention and improvement.

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