



HINZ NURSING INFORMATICS
SPECIAL INTEREST GROUP
Connecting nurses with digital health



13 October 2020

Got a tip to share? Email nurses@hinz.org.nz



Message from the chair of HiNZ-NI-SIG



Kia ora,

We are almost at the end of 2020, so let's look forward to 2021!

What a year it is going to be. I am excited by all the change that will come out of 2020. Almost all clinicians have upskilled in their use and capabilities around digital technologies and I am excited to see where this could lead, in the future of healthcare. There is no doubt that service delivery for health has changed this year.

Let's keep the momentum going to develop and use digital technologies to enhance healthcare delivery and optimise patient outcomes. There will be plenty of opportunities to showcase these changes and innovations through some amazing events lined up for 2021. We will be able to pick up where we all left off with our networking and collaboration. We will begin the year with the [HiNZ leadership summits](#) which will no doubt set the scene for a busy and fulfilling year ahead. The [nursing informatics international congress](#) will be a large global event with informatics leaders from all over the world attending. 2021 closes with [Digital Health week](#) which will no doubt be buzzing with post 2020 innovations.

As a group this year the Nursing Informatics Special Interest Group has been working on developing our purpose and has developed a number of actions to achieve this. We are also refining our terms of reference to ensure that this group is serving its membership well. Any suggestions are most welcome, we are certainly in a period of change and why not embrace it.

Don't forget to email us on hinz.ni.sig@gmail.com if you would like anything included in this newsletter, or if you have any suggestions of what you would like to see.

Please encourage your nursing colleagues to [sign up](#) for this newsletter. Signing up to receive the newsletter is free.

Emma Collins

emma.collins@op.ac.nz

Chair of HiNZ Nursing Informatics Special Interest Group (HiNZ-NI)

HiNZ-NI latest updates

The New Zealand Nursing Informatics Group is on Discourse!

The HiNZ NI SIG are aiming to become more vocal in this space and engage in conversation around informatics with nursing throughout NZ.

Please sign up for this group and start a conversation!

<https://discourse.digitalhealth.net/g/nz-nursing>

If you need step by step instructions for engaging with nursing informatics colleagues on the Discourse platform please contact Emma Collins emma.collins@op.ac.nz who can email them to you.

HiNZ Board Elections! Have you voted yet?

We just wanted to bring to your attention that if you're a HiNZ member you should have received an email with information about on-line voting for the HiNZ Board. If you didn't receive your voting papers please email Kim at ceo@hinz.org.nz.

Please have a look at the candidates if you are eligible to vote

- <https://www.hinz.org.nz/page/BoardElection20> and please note that we have a nurse standing!

Not a member? [Join now](#) - or anytime up to 24 hours before the date of the AGM - and you will be eligible to vote.

Making Clinical Informatics Relevant to Nursing Competencies

How can clinical informatics be applied to nursing council competencies? Can nurses demonstrate they meet the competencies for registered nurses that describe the nurses' scope of practice? In this series of articles, Deb Boyd discusses each nursing council domain, and how it relates to nursing informatics.

We start with Domain 1: Professional responsibility.

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This domain contains competencies that relate to professional, legal and ethical responsibilities and cultural safety. These include being able to demonstrate knowledge

health. (Nursing Council of New Zealand, 2016)

Competency 1.1

Accepts responsibility for ensuring that his/her nursing practice and conduct meet the standards of the professional, ethical and relevant legislated requirements. (Nursing Council of New Zealand, 2016)

This competency requires nurses to be fully cognisant of the requirements of practice under the various legal frameworks we work within. Digital systems can greatly support nurses practice by ensuring all of the legal frame works and standards are included in any system design. For example, when developing digital medicines management systems, the rules related to controlled drugs and section 29 medications can be included in the clinical support rules that the system uses. The actions a nurse is required to take using the electronic record can be controlled by not allowing you to progress to the next step until all of the compliance data has been entered.

Competency 1.2

Demonstrates the ability to apply the principles of the Treaty of Waitangi Te Tiriti o Waitangi to nursing practice. (Nursing Council of New Zealand, 2016)

This competency requires nurses to be competent in their knowledge and understanding of their Treaty obligations and again this information can be used in system design. For example, working in Primary Care in partnership with Māori healthcare providers to understand the needs of their enrolled population (healthcare consumers) as a first step. Then being able to translate those requirements into a meaningful workflow that can result in the development of a digital system where nursing assessment and ongoing commentary of patient progress via clinical notes can occur.

Competency 1.3

Demonstrates accountability for directing, monitoring and evaluating nursing care that is provided by enrolled nurses and others. (Nursing Council of New Zealand, 2016)

System design can include this by identifying who is caring for the patient through log in processes and using delegations to automatically require second sign offs for processes that require clinical oversight. This is already occurring in platforms such as MedChart. System controls can be designed to recognise different levels of authority linked to positions ie RN and EN.

Competency 1.4

Promotes an environment that enables health consumer safety, independence, quality of life, and health. (Nursing Council of New Zealand, 2016)

Nurses can promote patient safety by using digital technology as a communication tool whilst protecting a patient's privacy. For example, some systems allow you to apply a

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In a digital hospital, the colour alert system can be replicated in the patient's room information that displays their name without the need to also write the requirements on a bed card. These systems provide efficiency as it is easy to update a changed status from a computer without the need to have to go and write new bed cards.

Competency 1.5

Practises nursing in a manner that the health consumer determines as being culturally safe. (Nursing Council of New Zealand, 2016)

Nurses must manage people's personal information safely. Using digital systems to capture the patient's personal information supports cultural safety. Systems can be set up to apply in built rules and alerts (system protections) to manage sensitive information that may require privacy. Software already in use such as Trendcare (for example) has the capability to makes notes about a patients care needs or dietary requirements which supports culturally safe practice.

References

Nursing Council of New Zealand. (2007). *Competencies for registered nurses*. Wellington, New Zealand: Author. (Amended September, 2016).

The effect of COVID on our healthcare systems

This is an interesting article about [the effect of COVID on our healthcare systems](https://www.rnz.co.nz/news/national/423970/district-health-boards-urged-to-upgrade-hospital-it-systems-in-wake-of-covid-19). Worth a read if you haven't already:

<https://www.rnz.co.nz/news/national/423970/district-health-boards-urged-to-upgrade-hospital-it-systems-in-wake-of-covid-19>

Chnnl App

chnnl app is an app developed by Dr Liz Berryman and team that supports clinicians in maintaining their mental health and wellbeing. This app is evidenced based and wrapped in robust research which supports its development and use. Check out some details about it here:

https://www.chnnl.app/?gclid=EAlaIqobChMIzITnk6zq6wIVmHwrCholpQTeEAAYASAAEgJCSvD_BwE

NZ Ministry of Health, Health Improvement and Innovation Digest

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NZ Ministry of Health have a fortnightly Health Improvement and Innovation Digest that you can subscribe to for free and receive via email. The goal of the Digest is to improve the health and wellbeing of New Zealanders by sharing research-based examples of innovation and quality improvement. Click here to register and subscribe

<https://www.health.govt.nz/about-ministry/ministry-health-library/health-improvement-and-innovation-digest> and you can also access past issues of the digest too.

COVID-19 App for clinicians and non-clinicians

You can download the Āwhina app free on your phone or tablet from the App Store (Apple users) or Google Play (Android). Check out the Āwhina app – you get a daily update of our COVID-19 numbers as well as news of any changes re management.

Patients report high satisfaction with telehealth

Lisa Livingstone, registered nurse and clinical lead IT projects at Nelson Marlborough says some services, such as urology, have used telehealth consistently for a long time and the DHB was working on a more systematic approach to telehealth pre-Covid. Read the full article here:

<https://www.hinz.org.nz/news/527162/Patients-report-high-satisfaction-with-telehealth-.htm>



Upcoming events



eHealthNews.nz LIVE - Free lunchtime webinars!

eHealthNews LIVE is a webinar series to keep the digital health community connected. There are significant transformations happening in the health system in response to the pandemic. It is critically important that people are able to share ideas, knowledge and experience across the country.

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Panel participants are:

- **Lisa Livingstone**, Registered Nurse, Nelson Marlborough DHB
- **Ruth Large**, Clinical Director Information Services and Virtual Healthcare, Waikato DHB
- **Samantha Murton**, President, The Royal New Zealand College of General Practitioners
- **Meg McKeown**, Medical Director, Moreton Group Medical Services
- **Jacqueline Canessa**, Senior Clinical Medical Lead, St Vincent's Correctional Health
- Facilitated by **Rebecca McBeth**, HiNZ News Editor.

[Read more about webinar >>](#)



Networking Events 2020 November 2020

To give the HiNZ community an opportunity to meet in-person before the end of 2020, HiNZ is running three networking events.

The networking events will be in three cities:

- AUCKLAND - Thursday 19 November, 5-7pm
- CHRISTCHURCH - Monday 23 November, 5-7pm
- WELLINGTON - Wednesday 25 November, 5-7pm

Attendance is free for members & \$29 for non members

To register >> [please fill in this online form](#) <<

The guest speaker at the event is Shayne Hunter, Deputy Director General of Data and Digital, Ministry of Health.



Education and networking

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A group of Kiwi clinicians with a passion for technology driving changes in healthcare created a Clinical Informatics Leadership Network (CiLN) for New Zealand in early 2019. The network is supported logistically and financially by Health Informatics New Zealand. Members are from a range of health professions such as medicine, nursing, allied health, midwifery and pharmacy. It provides an online forum for members to share expertise and ideas as well as national networking events.

Membership of CiLN is free. Anyone with a clinical background and an interest in IT can apply to join by filling in [this online form](#). CiLN also has a [web page](#) where anyone can read related news and profiles of clinicians working in digital health. If you have questions, please email [Rebecca McBeth](#).

[Read more >>](#)


University informatics courses

For anyone wanting to pursue their interest or gain qualifications in health informatics, there are a range of undergraduate and postgraduate university courses available in New Zealand.

[Read more >>](#)


About HiNZ-NI

The [HiNZ nursing informatics special interest group](#) (HiNZ-NI) supports the development of nursing informatics in New Zealand. HiNZ-NI publishes a free eNewsletter with digital health updates of relevance to nurses.

Sign up for your own copy of this newsletter - [click here >>](#)

What is nursing informatics?

Nursing Informatics science and practice integrates nursing, its information and knowledge and their management with information and communication technologies to promote the health of people, families and communities world-wide.



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