



**College of Child and Youth Nurses, NZNO
NZNO monthly news bulletin
Friday 1 May 2020**

Consultation

NZNO consults with members on a range of issues. The full outline can be [found here](#).

RACP Statement on Indigenous Child Health in Australia and Aotearoa New Zealand

NZNO welcomes your feedback on this draft statement on indigenous child health in Australia and Aotearoa, New Zealand. The statement has been developed by paediatricians with expertise in Māori, Aboriginal, and Torres Strait Islander health. [Read more](#).

Behavioural

Tai-Chi-based training associated with improvements in children with ADHD

Attention-deficit/hyperactivity disorder (ADHD) is a highly prevalent neurodevelopmental disorder affecting between 8-10% of school-age children. In a recent study published in the Journal of Developmental and Behavioural Paediatrics, Stewart H. Mostofsky, M.D, Director of the Centre for Neurodevelopmental and Imaging Research at Kennedy Krieger Institute, and Karen E. Seymour, Ph.D. Assistant Professor of [Psychiatry](#) and Behavioural Sciences at Johns Hopkins University School of Medicine found that a mindful movement (Tai-Chi) based training intervention was associated with significant improvements in school age children with ADHD, and improved their ability to regulate hyperactive, impulsive and inattentive behaviour. Findings suggest that motor control may be a biomarker that could be targeted by mindful movement intervention to improve behaviour in children with ADHD. [Read more](#).

Clinical

The articles below are not freely available in full text but may be available via a DHB library, the NZNO library or an academic library.

Paediatric Complex Chronic Conditions: Evaluating Two Versions of the Classification System

Western Journal of Nursing (Ahead of print).

<https://doi.org/10.1177/0193945919867266>

The original paediatric complex chronic conditions (CCC) classification system developed in 2000-2001 is the gold standard in classifying children with life-limiting illnesses. It was significantly modified in 2014; yet the two systems have not been evaluated. The objective of this study was to evaluate the agreement and validity of the original versus the modified

CCC classification systems. Healthcare Cost and Utilization Project (HCUP) Kids' Inpatient Database (KID) data from 2012, was used with a sample of infant decedents less than one year. The agreement (i.e., Cohen's Kappa Statistic) and validity (i.e., sensitivity, specificity, and positive predictive value [PPV]) statistics were calculated. Among the 10,175 infants that were classified, the modified system performed well in identifying infants who had a CCC, and it captured infants that the original classification did not. The modified system represents an improvement over the original, but additional testing is warranted.

'Getting to clinic study': A mixed methods study of families who fail to attend hospital outpatient clinics.

Christie-Johnston, C.-A., O'Loughlin, R. and Hiscock, H. (2020),
J Paediatr Child Health, 56: 506-511. doi:[10.1111/jpc.14672](https://doi.org/10.1111/jpc.14672)

Non-attendance rates at paediatric hospital outpatient clinics are high; however, parent reported reasons for non-attendance are poorly understood. We aimed to identify: (i) modifiable system and parent factors that prevent parents from attending paediatric outpatient clinic appointments with their child; and (ii) parent views on changes that could be made to reduce non-attendance.

COVID-19

Plunket home visits go online for lockdown, and could stay that way

Plunket nurse Carolyn Wood says the transition is taking some getting used to. "Nothing's quite the same as face-to-face but I think this is a really good. [Read more](#)

'Get your tamariki and rangatahi checked by a health professional'

All tamariki/children and rangatahi/ young people with a sore throat should be checked right away by a health professional, because sore throats may be caused by COVID-19 or Strep A. [Read more](#)

Coronavirus: Dr Siouxsie Wiles says children rarely affected by Covid-19

OPINION: I vividly remember the first few months after my daughter started day-care. She was five months old when I went back to work. For what felt like an eternity, she would pick up every lurgy going round, and then would bring it home and share it with her dad and I.

[Read more](#)

COVID-19 (coronavirus) in babies and children

Children of all ages can become ill with coronavirus disease 2019 (COVID-19), but most kids who are infected don't become as sick as adults, and some may not show any symptoms at all. [Read more](#)

How to help young children regulate their emotions and behaviours during the pandemic

With governments around the world asking their citizens to avoid places, activities and gatherings to save lives, this just might be the largest ever-international effort to self-regulate our actions against competing desires and impulses. [Read more](#)

Britain issues alert as possible new coronavirus syndrome emerges in children

Health officials in Britain are warning of a potential new coronavirus-related syndrome emerging in children, with a rise in cases prompting an urgent alert to doctors across the country. [Read more](#)

Kids and health professionals / hospital

The articles below are not freely available in full text, but should be available via a DHB library, the NZNO library, or an academic library.

Use of professional interpreters for children and families with limited English proficiency: The intersection with quality and safety.

Brophy-Williams, S., Boylen, S., Gill, F.J., Wilson, S. and Cherian, S. (2020),
J Paediatr Child Health. doi:[10.1111/jpc.14880](https://doi.org/10.1111/jpc.14880)

Linguistic diversity is increasing nationally; patients with limited English proficiency require provision of professional interpreters. We reviewed hospital-wide use of interpreters for low English proficiency in a tertiary hospital across emergency (ED), outpatient and inpatient presentations.

A qualitative descriptive inquiry of the influences on nurses' missed care decision-making processes in acute hospital paediatric care.

Bagnasco, A, Dasso, N, Rossi, S, et al.

J Nurs Manag. 2020; 00: 1– 11. <https://doi.org/10.1111/jonm.12935>

To explore influences on nurses' missed care decision-making processes in acute hospital paediatric care.

Background: Many contemporary studies describe the phenomenon of missed care. It is clear that environment and organizational culture influence the nursing activities; however, what influences their decision-making processes has not been investigated.

Learning disabilities

Study: Nonverbal learning disability is more common than believed

Nonverbal learning disability (NVLD), a poorly understood and often-overlooked disorder that causes problems with visual-spatial processing, may affect nearly 3,000,000 children in the United States, making it one of the most common learning disorders, according to a new study by led by Columbia University Irving Medical Centre. [Read more](#)

Mental health

Lockdown bringing little emotional harm to most children - Psychologist

A clinical psychologist says most children will not suffer long-term emotional harm because of the COVID-19 lockdown, and is warning parents not to panic. [Read more](#)

'Young people's mental health affected by COVID-19 and lockdown'

Many young people are dealing with feelings of fear, anxiety and grief during COVID-19, according to a study released today by Youthline. [Read more](#)

Obesity

The articles below are not freely available, but should be available via a DHB library, the NZNO library, or an academic library

Why BMI should still be on the table

Lisa Daniels, Wayne S Cutfield, Rachael W Taylor, Barry J Taylor

NZMJ Vol 133 No 1513: 24 April 2020

Concerningly, childhood obesity is common in New Zealand with one in three children identified as overweight or obese from the before school check (B4SC) programme in 4-5 year-old children.

Application Design for Child Obesity Management Based on Users' Preferences and Needs

Western Journal of Nursing Research (Ahead of print)

<https://doi.org/10.1177/0193945919862797>

This study aimed to investigate the constructive preferences and needs of children and guardians in a child obesity management application, and to suggest and visualize the key features of its design. To reflect users' preferences and needs, the questionnaires used in this study were developed in four stages:

1. draft,
2. validity test,
3. review, and
4. final version.

The survey was conducted with fifth and sixth grade children who are overweight or obese and their guardians. Differences were observed by gender, and between: children and guardians with respect to children's perceived body shape,

1. technology experience and preferences,
2. preferred obesity management method,
3. application design,
4. exercise and diet-related features,
5. preferred partner for obesity management, and
6. preferred reward after mission completion.

Our study suggests and visualizes the key features of a child obesity management application for both children and guardians based on their preferences and needs, which can be utilized by both application developers and researchers.

Palliative care

The article below is not freely available, but should be available via a DHB library, the NZNO library or an academic library

Decision aids available for parents making end-of-life or palliative care decisions for children: A scoping review.

Medeiros, C., Buckley, L., Metcalfe, K., Narayanan, U.G. and Widger, K. (2020), J Paediatr Child Health. doi:[10.1111/jpc.14885](https://doi.org/10.1111/jpc.14885)

To identify and assess the quality of decision aids that align the decision, values and information provided for parents making end-of-life or palliative care decisions for children with life-threatening conditions.

Sexual health

Need lockdown birth control? Anamata sets up Taupō contraception hub

Youth one-stop health shop Anamata in Taupō has set up a contraception hub to provide contraception and sexual health services for all the community in response to COVID-19.

[Read more](#)

Report finds porn use among young people partly due to lack of education

A lack of education and open dialogue with parents is one of the main reasons why young people are using pornography to educate themselves about sex. [Read more](#)

Sexual health practices of 16 to 19 year olds in New Zealand: an exploratory study

Sonja J. Ellis and Robyn Aitken

Journal of Primary Health Care

Volume 12 Number 1 2020: pp. 64-71

INTRODUCTION:

New Zealand sexual health surveillance data suggest that young people aged 15–19 years are at considerable risk of contracting sexually transmitted infections. Although there is an established body of international research around sexual behaviours and sexual health practices among teenagers, there is a dearth of local research focusing on this age group.

AIM:

The aim of this study was to explore the sexual repertoires and sexual health practices among teenagers in New Zealand, with a view to better understanding levels of risk in this age group. [Read more](#)

Sound and vision

The article below is not freely available, but should be available via a DHB library, the NZNO library or an academic library

The prevalence of refractive error and visual impairment among New Zealand children in a community with significant socioeconomic disadvantage: is current preschool vision screening effective?

Rebecca Findlay, Joanna Black, Nicola Anstice, Alison Burge, Alison Leversha

NZMJ Vol 133 No 1513: 24 April 2020

On a typical day, around 70% of classroom time is spent performing academic tasks, which requires visual input.

Vaccination / immunisation

Meningococcal disease: Young adults now 'high risk.' Need to be vaccinated again

People aged 13-29 who were immunised during the last meningococcal disease epidemic are entering a "high risk" age group, and need to be re-vaccinated to maintain protection, a health expert says. [Read more](#)

New review confirms effectiveness of MMR, MMRV and MMR+V vaccines

New evidence published in the Cochrane Library today finds MMR, MMRV and MMR+V vaccines are effective, and that they are not associated with increased risk of autism. [Read more](#)

Wellbeing

Parental hugging helps slow heart rate in infants

Researchers found that the heart rates of infants slowed down when they were held or hugged, with those aged 4 months - 1 year responding more when hugged, compared with being held. The findings, published in the journal *iScience* also showed that the heart rates of infants slowed more when hugged by one of their parents, compared with being hugged by a stranger. [Read more](#)

Ministry of Health

Healthy Food and Drink Guidance – Schools and Early Learning Services

The Ministry of Health is leading work to improve the food environment in schools, kura, English and Māori medium Early Learning Services.

The guidance helps schools and kura develop a policy to improve access to healthy food and drinks.

The guidance supports: boards, principals, canteen managers and food service providers to adopt and implement a policy for their school and guidance on creating supportive environments for children. *Schools* - [Read more](#), *Early Learning Services* - [Read more](#)

Articles of interest

How 14 nurses refresh at the end of a hard day

Question: How do you de-stress and revitalize yourself at the end of a hard day?

Trish Celano, RN, Senior Vice President, Associate Chief Clinical Officer and Chief Nursing Executive at AdventHealth (Altamonte Springs, Fla.): I used to always take calls on my drive home from work. I found that when I got home I was terrible at making the transition back into family life. My husband and kids would often say, 'Hey, you're not at work anymore.'

[Read more](#)

The following article is not freely available in full text, but should be available via a DHB library, the NZNO library or an academic library

Understanding the Causes of Work-Related Stress among Registered Nurses Working with Children at Home: An Integrative Literature Review,

Julianne Lee, Sonya Clarke & Fiona Lynn (2020)

Comprehensive Child and Adolescent Nursing,

DOI: [10.1080/24694193.2020.1745325](https://doi.org/10.1080/24694193.2020.1745325)

Work-related stress in nursing is widely acknowledged. This integrative review was undertaken to systematically identify and appraise the causes of work-related stress experienced by RNs working with children at home. Ten studies were included, eight of which focused solely on the experiences of nurses providing palliative and end of life care at home for children. One study focused on the experiences of newly qualified nurses and one on the experiences of nurses caring for sick children at home at different stages within their care trajectory. Stress was experienced by nurses caring for children at home and identified and acknowledged within all included studies. Recurrent themes reported in the literature that contributed to work-related stress were:

- provision of out of hours care,
- challenge of developing and maintaining skills (clinical and non-clinical),
- ambiguity of roles and relationships (professional team and child and family),
- lack of resources, and
- emotional toll, and lack of staff support.

The causes of work-related stress highlighted in this review need to be proactively addressed; thus, providing an opportunity to improve the working experiences of nurses improve job satisfaction and overall wellbeing. A recommendation from this integrative review is for workplaces to identify and invest in effective strategies to prevent or reduce work-related stress.

The above bulletin has been compiled by Linda Stopforth, SNIPS, on behalf of NZNO College of Child and Youth Nurses.

It is provided on the first Friday of each month and contains an overview of news items, articles and research papers of interest to the Section members.

All links are current at the time of being compiled and distributed.

For feedback, please contact your section administrator: secretary.ccyn@gmail.com

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