



**College of Child and Youth Nurses,
NZNO monthly news bulletin
Friday, 10 July 2020**

Section news

Consultation

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

National Contraception Guidelines

NZNO invites your feedback on the Ministry of Health's national guidance on contraception. Please send feedback to PolicyAnalysts@nzno.org.nz by **Monday, 13 July 2020**.

Autism and Aspergers

Mindfulness improves decision-making, attention in children with autism

School-based mindfulness programs show promise in teaching children with autism to better control impulses, according to new research. [Read more](#)

How helpful are support dogs for kids with autism?

(HealthDay)—Therapy dogs may help some children with autism improve their social skills, but this approach doesn't work in all cases, a new study finds [Read more](#)

Behavioural

Bedtime media use linked to less sleep in children who struggle to self-regulate behaviour

Researchers followed 547 children for a week and measured their media use and sleep patterns. For children who generally struggle to self-regulate their behaviour, screen time in the hour before bed was associated with less sleep. Media use in children who scored high on measures of effortful control was not related to less sleep. [Read more](#)

Clinical

Infantile B12 deficiency with severe thrombocytopenia—an under-recognised public health problem

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.

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CLINICAL CORRESPONDENCE

NZMJ Vol 133 No 1516: 12 June 2020

Vivek Rajasekaran, Joanna Sheriff, Helen Moore, Hamish McCay, Mark Winstanley
Although vitamin B12 deficiency is a well-established cause of severe anaemia with macrocytosis in infants, severe thrombocytopenia has been less commonly reported.

Weaning children from temporary tube feeding: Staff survey of knowledge and practices.

Syrmis, M., Frederiksen, N. and Reilly, C. (2020),

J Paediatr Child Health. doi:[10.1111/jpc.14927](https://doi.org/10.1111/jpc.14927)

To explore the understanding of and practices of health-care workers in weaning children from feeding tubes.

Methods

An electronic survey of doctors, nurses, and allied health professionals at Children's Health Queensland obtained demographic information and awareness of various areas of tube feeding management particularly tube weaning.

COVID-19

To what extent do children transmit SARS-CoV -2 virus?.

Isaacs, D., Britton, P., Howard-Jones, A., Kesson, A., Khatami, A., Marais, B., Nayda, C. and Outhred, A. (2020),

J Paediatr Child Health, 56: 978-979. doi:[10.1111/jpc.14937](https://doi.org/10.1111/jpc.14937)

Concern that children might be major spreaders of SARS-CoV-2, the virus which causes COVID-19, stems largely from experience: children are certainly major spreaders of other respiratory viral infections, such as influenza and measles. Adults infected with SARS-CoV-2 are infectious for up to 48h before developing symptoms. Children infected with SARS-CoV-2 are often asymptomatic: 4–28% in published studies¹⁻⁴ and 13% in the most detailed study from China.¹ Asymptomatic child carriers were important spreaders of polio during epidemics, but this does not mean that asymptomatic children often transmit SARS-CoV-2.

[Read more](#)

Dental health

Water Fluoridation Saves Poorest Children From Hospitalisation

Research from the University of Canterbury (UC) [GeoHealth Laboratory](#) shows that children in our most deprived areas benefit from better dental health if water is fluoridated. [Read more](#)

Drugs and alcohol

Smoking still a core challenge for child and adolescent health reveals WHO report

The latest Health Behaviour in School-aged Children (HBSC) study focusing on adolescent health and well-being has revealed that levels of cigarette-smoking are worryingly high, particularly among 15-year-olds. In this age group, 15% of adolescents report having smoked a cigarette at least once in the past 30 days and nearly 1 in 3 mentioned having tried smoking (27% of girls and 29% of boys). [Read more](#)

USPSTF Report Finds Counselling Does Not Reduce Illicit Drug Use in Paediatric, Young Adults

Although the use of illicit drugs among persons aged 12 to 25 years is common, the United States Preventive Services Task Force (USPSTF) concludes that the current evidence available is insufficient to assess the benefits and harms of primary care-based behavioural counselling interventions to prevent drug use in this age group. The updated evidence report and recommendation statement were both published in JAMA.^{1,2} [Read more](#)

Environmental

Adverse Childhood Environment Tied to Later Health Problems

HealthDay News — An adverse childhood family environment is associated with cardiovascular disease (CVD) incidence and all-cause mortality later in life, according to a study published in the May 5 issue of the Journal of the American Heart Association. [Read more](#)

Family

Immigrant parents' experiences of accessing child healthcare services in a host country: A qualitative thematic synthesis.

Karim, N, Boyle, B, Lohan, M, Kerr, C.

J Adv Nurs. 2020; 76: 1509– 1519. <https://doi.org/10.1111/jan.14358>

To explore voluntary immigrant parents' experiences of child healthcare services in host countries. [Read more](#)

Gastrointestinal problems

Identification and diagnosis of Crohn disease and ulcerative colitis in children.

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.

Day, A.S. and Lemberg, D.A. (2020),

J Paediatr Child Health. doi:[10.1111/jpc.14925](https://doi.org/10.1111/jpc.14925)

Crohns disease and ulcerative colitis are the two main types of inflammatory bowel disease. High rates of these conditions are seen in Australasian children – furthermore, increasing rates have been evident in recent years. Children can present with typical symptoms of:

- abdominal pain,
- diarrhoea,
- haematochezia and/or
- weight loss.

Atypical presentations (such as skin lesions or isolated short stature) can also occur: these may be associated with delays in the consideration and diagnosis of IBD. Initial steps in establishing a diagnosis of IBD include delineation of inflammatory markers exclusion of any other likely aetiology. Definitive diagnosis relies upon key:

- endoscopic,
- histologic and
- radiological findings.

Overall management of IBD encompasses care within a team-based, child and family-focused, multi-disciplinary setting.

Functional gastrointestinal disorders in children: What is new?

Nightingale, S. and Sharma, A. (2020),

J Paediatr Child Health. doi:[10.1111/jpc.14857](https://doi.org/10.1111/jpc.14857)

Abdominal pain-predominant functional gastrointestinal disorders encompass a group of chronic conditions featuring abdominal pain where no serious gastrointestinal or intra-abdominal pathology is present. The Rome IV classification system defines and categorises this group based on symptomatology as: functional dyspepsia, irritable bowel syndrome, functional abdominal pain – not otherwise specified and abdominal migraine. These conditions can impact the functioning of the child and family significantly and are challenging to manage. Although the causes of these conditions are not clear, recent years have seen an improved understanding of underlying pathophysiology and identification of effective management options for these conditions.

Housing

Māori children will end up in hospital due to cold, mouldy homes - advocates

Thousands of whānau are living through winter in cold, damp and mouldy homes. [Read more](#)

Maternity and Neonatal care

A dedicated nurse for skin-to-skin care after caesarean birth,

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

Kjelland, Kim ... et al

Nursing Management (Springhouse): July 2020 - Volume 51 - Issue 7 - p 8-10 doi:

10.1097/01.NUMA.0000669096.99601.c7

An evaluation of clinical outcomes and cost.

Mental health

Young people with early psychosis may not require antipsychotic medications to recover

Researchers have found that some young people with early stage first episode psychosis (FEP) can experience reduced symptoms, and improve functioning without antipsychotic medication when they are provided with psychological interventions and comprehensive case management. [Read more](#)

Respiratory

NZ Adolescent and Adult Asthma Guidelines 2020

The purpose of the Asthma and Respiratory Foundation NZ Adolescent and Adult Asthma Guidelines is to provide simple, practical and evidence-based recommendations for the diagnosis, assessment and management of asthma in adults and adolescents (aged 12 and over) in a quick reference format. [Read more](#)

Sleep

Marijuana use while pregnant boosts risk of children's sleep problems

Use marijuana while pregnant and your child is more likely to suffer sleep problems as much as a decade later, according to a new University of Colorado Boulder study of nearly 12,000 youth. [Read more](#)

Social health

Better reading proficiency linked to fewer youth homicides

A good education system has long been linked with providing opportunity for people to get better jobs and escape poverty. However, less is known about the impact of education on youth violence. [Read more](#)

Vaccination / immunisation

Wording of vaccination messages influences behaviour

An experiment revealed that relatively small differences in messages influenced people's attitudes about the human papillomavirus or HPV vaccine, which has been shown to help prevent cancer. [Read more](#)

HPV Vaccine Toolkit Increases Vaccination Rates in Primary Care

Implementation of a human papillomavirus (HPV) vaccine tool-kit is an effective way to increase vaccination rates among adolescents, according to results of a poster presented

virtually at the National Association of Paediatric Nurse Practitioners Annual Meeting (NAPNAP 2020). [Read more](#)

Articles of interest

ChildFund and MFAT Partnership To Have A Positive Impact In Pacific Communities And Southeast Asia

ChildFund New Zealand and the Ministry of Foreign Affairs and Trade (MFAT) have today announced a partnership to increase the social and emotional wellbeing of vulnerable children, youth and their families in the Pacific and Southeast Asia region. [Read more](#)

Queensland Paediatric Cardiac Service: Lessons from evolution to a unified service in a tertiary children's hospital.

Justo, R., Ward, C., Slater, A., McEniery, J., Sargent, P., Isles, A., Karl, T.R. and Alphonso, N. (2020),

J Paediatr Child Health, 56: 833-837. doi:[10.1111/jpc.14914](https://doi.org/10.1111/jpc.14914)

We describe a complex change process for the paediatric cardiac service in Queensland that involved transitioning the service out of an essentially adult hospital into one of two children's hospitals in Brisbane. This initial step was complex as the governance was changed from Queensland Health to Mater Health, an independent faith-based organisation who became the new employer. Six years later the service was again transitioned; this time to the newly constructed Queensland Children's Hospital, with a Hospital and Health Services Board as the employer, under the aegis of Queensland Health. This was a complex journey. As with all change processes, there was resistance to change on the part of some individuals. Five years on from the second major change, the service is settled, has an excellent workplace culture, has excellent clinical outcomes and has become research intensive. [Read more](#)

Child health care nurses' use of teaching practices and forms of knowledge episteme, techne and phronesis when leading parent education groups.

Forslund Frykedal, K, Rosander, M, Barimani, M, Berlin, A.

Nurs Inq. 2020; 00:e12366. <https://doi.org/10.1111/nin.12366>

This study explores child health care nurses' pedagogical knowledge when supporting parents in their parenthood using various teaching practices, that is how to organise and process the content during parent education groups in primary health care. The aim is to identify teaching practices used by child health care nurses, and to analyse such practices with regard to Aristotle's three forms of knowledge to comprehensively examine child health care nurses' use of knowledge in practice. A qualitative methodological design alongside the analysis of video-recordings was used. The results showed that child health care nurses used four teaching practices:

- lecturing,
- demonstration,
- conversation, and
- supervision.

Their use of *episteme* was prominent, but they also seemed to master *techne* in combination with *episteme* during the first three teaching practices. During the conversation teaching practice, the child health nurses rarely succeeded. Consequently, they missed opportunities to identify mothers' expressed concerns, and to act in the best interests of both the mothers and their infants by the use of *phronesis*. In health care, however, theoretical episteme is superordinate to productive knowledge or phronesis, which also became evident in this study. Nevertheless, more interactive pedagogical practices are needed if more use of phronesis is to become a reality in parent education groups. [Read more](#)

The Evidence behind Developmental Screening Instruments

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Infants & Young Children

January/March 2012, Volume :25 Number 1 , page 19 - 61

This research synthesis is a review of the literature on developmental screening measures used to identify young children with delays. Research on 14 commonly used tools to screen infants, toddlers, and pre-schoolers was examined. Findings may assist users and consumers in identifying developmental screening measures that have a body of evidence.

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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