



**College of Child and Youth Nurses
NZNO monthly news bulletin
Friday, 5 February 2021**

Consultation

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

New Zealand news

Ethnic differences in use and experience of child healthcare services - research

A report released today, "Ethnic Differences in the use and experience of child healthcare services in NZ", reveals that interactions with family members and with health professionals are crucial in determining immunisation uptake, engagement rates and satisfaction levels with New Zealand's health system. [Read more](#)

Ethnic differences in the use and experience of child healthcare services in NZ: An empirical examination

Funders: Ministry of Social Development and the Health Research Council

This research uses Growing Up in New Zealand (GUiNZ) data to provide insights regarding life-course differences in the use and experience of child healthcare services in NZ and focuses on decisions to immunise, seek dental care, and visit the doctor. The report analysed responses from around 6,000 parents at four time points: antenatally; when the children were nine-months; then two-years; and then four-years-old. [Read more](#)

Children miss out on vital health and development check because of lockdown

Thousands of New Zealand children are starting their schooling without a vital health check. Only 73.1 per cent of eligible four-year-olds had their B4 School Check (B4SC) in the year ended June because checks couldn't go ahead during the Covid-19 lockdown. In the previous year, 91 per cent of eligible children were checked while the figure was 94 per cent in 2017. [Read more](#)

New four-person board to oversee Oranga Tamariki overhaul

The government has appointed an advisory group to help reform Oranga Tamariki. [Read more](#)

Sugar treatment cuts risks for newborn babies in NZ-Australia trial

Rubbing sugar gel inside the mouths of newborn babies at risk of hypoglycaemia reduced their odds of developing the disorder, a four-year trial conducted in maternity hospitals across New Zealand and Australia has found. [Read more](#)

Cutting Unneeded CT Scans, Radiation For Kids With Head Injuries

New medical guidelines may reduce unnecessary CT scans, and the associated radiation, for children with head injuries. [Read more](#)

Autism and Aspergers

Are some children more likely to have pica?

Pica can be a life-threatening condition. An investigation examines whether children with autism spectrum disorder and other developmental disorders are at greater risk of having it. [Read more](#)

Behavioural issues

Smacking young children has long-lasting effects

Children who have adverse experiences such as being smacked at the age of three are more likely to suffer from poor mental health and have behavioral problems through to age 14, according to a study led by UCL researchers. [Read more](#)

Cancer

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

A qualitative study of adolescent cancer survivors perspectives on social support from healthy peers – A RESPECT study.

Ingersgaard, MV, Fridh, MK, Thorsteinsson, T, Adamsen, L, Schmiegelow, K, Bækgaard Larsen, H.

J Adv Nurs. 2021; 00: 1– 10. <https://doi.org/10.1111/jan.14732>

Background

Adolescents' psychosocial development is generally influenced by their peers. Those facing hospital-based cancer treatment are particularly challenged as they are isolated from their social network and lack sufficient coping resources.

Aim

This study explores the adolescent cancer survivor's perceptions and experiences with healthy classmate socialization support efforts via hospital co-admittance, from diagnosis to reinstatement in school, as an intervention of the RESPECT (REhabilitation including Social and Physical Activity and Education in Children and Teenagers with cancer) Study.

Child protection

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

Interviews with health professionals about the National Child Protection Alert System

Patrick Kelly, Melissa Adam, Carmen Basu, Miranda Ritchie, Denise Wilson, Fred Seymour
NZMJ Vol 134 No 1528: 15 January 2021

New Zealand has a publicly funded healthcare system with services provided through 20 semi-autonomous district health boards (DHBs).

Covid-19

SPI-B: Increasing adherence to COVID-19 preventative behaviours among young people

This paper was commissioned by CO communications colleagues to focus on how messaging and other techniques can be used to promote adherence in young people.

Source: Scientific Advisory Group for Emergencies (UK) [Read more](#)

Diet, food and nutrition

Vegan diet significantly remodels metabolism in young children

Researchers report a comprehensive pilot study on the metabolic effects of full vegan diet on young children. The study found vegan children to have remarkably altered metabolism and lower vitamin A and D status compared to children with no special diet. [Read more](#)

Diabetes

ADA lowers target HbA1C levels for children with type-1 diabetes

In early 2020, upon recommendation by leading endocrinologists, American Diabetes Association lowered the target hemoglobin A1C guidelines for children with type 1 diabetes. Their goal in recommending stricter glucose control was to ensure children with type 1 diabetes have better immediate and long-term health outcomes with fewer health complications and reduced mortality rates. Researchers now discuss the evidence and rationale behind this new recommendation. [Read more](#)

Family

What affects programme engagement for Māori families? A qualitative study of a family-based, multidisciplinary healthy lifestyle programme for children and adolescents.

Wild, C.E., Rawiri, N.T., Willing, E.J., Hofman, P.L. and Anderson, Y.C. (2021), J Paediatr Child Health. <https://doi.org/10.1111/jpc.15309>

It is important that intervention programmes are accessible and acceptable for groups most affected by excess weight. This study aimed to understand the barriers to and facilitators of engagement for Māori in a community-based, assessment-and-intervention healthy lifestyle programme (Whānau Pakari). [Read more](#)

Maternity and neonatal care

Avoiding Alarm Fatigue in the NICU

Alarm fatigue is a significant concern in the Neonatal Intensive Care Unit (NICU) where oxygen therapy is one of the most common therapies used for preterm infants. [Read more](#)

Mental health

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

Enhancing mental health literacy in schools through staff training: An integrative review

Regina M Buteau and Dr Tracy Perron
British Journal of Child Health, Vol. 1, No. 6: 268-274.

Students who are not well cannot learn. As the prevalence of adolescent anxiety, depression, and behavioural disorders continues to rise, it is important to identify children who suffer silently, as these disorders can have negative effects on academic performance and absenteeism. While the school nurse and social worker are important resources, it is teachers that have the most access to students. However, the literature shows that staff members often feel they lack training, competency and readiness in identifying and referring students in need. This integrative review examines not only the need for training, but the methods being employed worldwide. While the methods differ in format, all seven intervention studies indicate positive reception by staff members and the majority show improvement of staff knowledge and attitudes, which creates a greater chance of intervention and improved outcomes for students.

Obesity

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

Using narrative messages to improve parents' experience of learning that a child has overweight

Fiona B. Gillison, Elisabeth B. Grey, Hannah E. McConnell, and Simon J. Sebire

British Journal of Child Health, Vol. 1, No. 5: 220-230.

Background:

Providing feedback to parents that their child has overweight often elicits negative reactance.

Aims:

To investigate the acceptability and feasibility of providing theoretically-informed narrative messages to reduce negative reactance, alongside the National Child Measurement Programme (NCMP) feedback informing parents when their child has overweight.

Respiratory

Warning for parents as asthma hospitalisations spike on return to school - ARFNZ

Asthma and Respiratory Foundation NZ (ARFNZ) is urging parents, caregivers and schools to be prepared for the annual rise in asthma hospitalisations when children return to school after the holidays. [Read more](#)

Sparklers found to expose users to large hit of pollutants, study finds

Sparklers and backyard fireworks expose users to breathing heavy pollutants, and parents should consider the health implications for children, a study has found. [Read more](#)

Screen time/digital devices/social media

Focus on sleep quality for young people, not social media quantity - research

Worried about how social media use is affecting your teenager's well-being? University of Otago research has revealed you may be focussing on the wrong issue. [Read more](#)

Sexual health

Sexual violence study prompts call for consent education for men, boys

A sexual violence expert is calling for better education around sexual consent and relationships for men and boys due to prevailing offending. [Read more](#)

Social health

Youth homeless collective calls on government to provide better solutions for emergency housing

A youth homelessness collective wants the government to invest in immediate accommodation facilities to lift young people out of motels or hotels. [Read more](#)

Young people escaping from Oranga Tamariki homes sign of 'unmet needs'

One hundred young people have run away from Oranga Tamariki Care and Protection Residences since 2016, the youngest being just 10 years old. [Read more](#)

Sound and vision

Preliminary study on the feasibility of a two-stage screening strategy for otitis media with effusion in children.

Yang, J., Zhang, H., Zhao, N., Shi, Z.-G. and Xu, A. (2020),
J Paediatr Child Health, 56: 1544-1550. <https://doi.org/10.1111/jpc.14987>

To evaluate the feasibility of a two-stage screening strategy for otitis media with effusion (OME) in pre-school and school children. The risk factors of OME were also studied.

Transitioning care

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

Transitioning from paediatric to adult services with cystic fibrosis or bronchiectasis: What is the impact on engagement and health outcomes?

Moss, R., Farrant, B. and Byrnes, C.A. (2020),
J Paediatr Child Health. <https://doi.org/10.1111/jpc.15264>

To determine whether the transfer of young people with cystic fibrosis (CF) or bronchiectasis from paediatric to adult services is associated with changes in service engagement and/or health outcomes.

Young people with long-term health challenges experiences in transition to adulthood: A qualitative metasynthesis.

Rasalingam, A, Fegran, L, Brekke, I, Helseth, S.
J. Adv. Nurs. 2021; 77: 595– 607. <https://doi.org/10.1111/jan.14641>

The aim of this study was to describe the experiences of the transition to adulthood for young people with long-term health challenges.

Vaccination / immunisation

Just 20 per cent of DHBs meeting vaccination targets, NZ 'can't afford' to slip' – expert
As New Zealand waits for a [Covid-19](#) vaccine, national childhood vaccination rates continue to lag [below target](#).

[The Ministry of Health target](#) is for 95 per cent of 8-month-olds to have their primary course of immunisations – at 6 weeks, 3 months, and 5 months – on time. [Read more](#)

Barriers to influenza vaccination of children hospitalised for acute respiratory illness: A cross-sectional survey.

Carlson, S.J., Quinn, H.E., Blyth, C.C., Cheng, A., Clark, J., Francis, J.R., Marshall, H.S., Macartney, K. and Leask, J. (2021),
J Paediatr Child Health. <https://doi.org/10.1111/jpc.15235>

Aim

To identify barriers to influenza vaccination of children hospitalised for acute respiratory illness in Australia.

Methods

A total of 595 parents of children hospitalised with acute respiratory illness across five tertiary hospitals in 2019 participated in an online survey. Multivariate logistic regression identified factors most strongly associated with influenza vaccination barriers. [Read more](#)

Articles of interest

Managing delirium in the pediatric patient

Delirium in children frequently goes unrecognized because many believe it affects only adults. However, nurses who care for children should be on the lookout for this condition. Children experiencing delirium have an acute onset of cerebral dysfunction with inattention, a change in mental status, and either disorganized thinking or an altered level of consciousness. Their behavior may be described as hyperactive, hypoactive, or mixed.

Delirium symptoms include disorientation, restlessness, sleep-wake cycle disturbances, mood changes, delusions, and problems with memory or perception. [Read more](#)

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

Clinical practice of health professionals working in early detection for infants with or at risk of cerebral palsy across New Zealand.

Williams, S.A., Mackey, A., Sorhage, A., Battin, M., Wilson, N., Spittle, A. and Stott, N.S. (2021),

J Paediatr Child Health. <https://doi.org/10.1111/jpc.15263>

Aim

A diagnosis of cerebral palsy (CP) can, and should, be made as early as possible. This work describes current clinical practice around the awareness and use of diagnostic tools for the detection of CP in New Zealand (NZ).

Methods

A purpose-developed survey distributed electronically to NZ clinicians working with young children with or at risk of CP.

Pediatric Nurses' Experiences in Caring for Non-English Speaking Patients and Families.

Stephen JM.

Journal of Transcultural Nursing. January 2021. doi:[10.1177/1043659620986607](https://doi.org/10.1177/1043659620986607)

Language barriers challenge patient- and family-centered care. Literature guiding pediatric nurses caring for patients and families with limited English proficiency in the inpatient setting is nonexistent. The purposes of this phenomenological study were to understand pediatric nurses' experiences in caring for patients and families with limited English proficiency and to explore how nurses navigate the communication gap.

Toilet training children with special needs using a Potty Monkey toy device.

Bartos, N.S.O., Hamilton, S., Barnes, E. and Caldwell, P.H.Y. (2021),

J Paediatr Child Health. <https://doi.org/10.1111/jpc.15222>

Toilet training children with special needs can be challenging and can result in long-term consequences if inadequately addressed. This study evaluates the use of a 'Potty Monkey' toy for toilet training children with special needs.

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.

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