



NZNO College of Respiratory Nurses monthly news bulletin Friday 30 April 2021

This bulletin has been compiled by Linda Stopforth, SNIPS, on behalf of the NZNO College of Respiratory Nurses. It is for NZNO College of Respiratory Nurses only and must not be reproduced without their permission. It is provided on the last Friday of each month. This monthly bulletin contains an overview of news items, articles and research papers of interest to the College members, but does not necessarily represent the views of the NZNO College of Respiratory Nurses. All links are current at the time of being compiled and distributed. For feedback please contact your section administrator: Christine.Clapcott@nzno.org.nz

To learn more about the College [click here](#)

[NZNO / section news](#)

NZNO Consultation

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

Education (Pastoral Care of Domestic Tertiary Students) Code of Practice

NZNO welcomes your feedback on:

- a proposed code for the wellbeing and safety of all tertiary and international learners,
- a new dispute resolution scheme for domestic tertiary learners, and
- proposed legislative changes to clarify and streamline providers' responsibilities to learners.

You can read more [here](#).

Mental Health (Compulsory Assessment and Treatment) Amendment Bill

The Health Committee is calling for public submissions on the Mental Health (Compulsory Assessment and Treatment) Amendment Bill.

The bill seeks to improve the protection of individual rights and the safety of patients and the public. It also aims to enable the Mental Health (Compulsory Assessment and Treatment) Act 1992 to be applied more effectively. You can read more [here](#).

Proposals for a Smokefree Aotearoa 2025 Action Plan

NZNO welcomes your feedback on the Ministry of Health's proposed actions to achieve their Smokefree 2025 goal.

You can read more about the consultation process [here](#).

Sunscreen (Product Safety Standard) Bill

NZNO welcomes your feedback on a bill that aims to introduce mandatory regulation of safety standards for sunscreen products.

You can read the bill [here](#).

Aotearoa New Zealand's Histories in our National Curriculum

Aotearoa New Zealand's histories are being incorporated into the national curriculum to ensure that all ākonga (learners) in all schools and kura learn about fundamental aspects of our country's history and how these have shaped our lives.

NZNO sees this as very important from an equity perspective. We welcome your feedback on the draft curriculum content (attached). Please note we are particularly keen to hear from members who are supporting health services in schools.

Further information about the consultation process can be found [here](#).

New Zealand

New Medical Director for Asthma and Respiratory Foundation

The Asthma and Respiratory Foundation New Zealand is pleased to announce the appointment of Dr James Fingleton, BM, PhD, FRACP, as Medical Director. [Read more](#)

'New SmokeFree legislation has respiratory specialists dreaming of a brighter future'

"Every now and again a piece of legislation comes along that has the potential to really impact the future health of our people for the better. A piece of legislation that takes a stand. A piece of legislation that will be referred to for generations to come as our turning point. In our opinion, this is it," [Read more](#)

Premature babies could spend less time on potentially harmful ventilators thanks to Christchurch research

A new discovery about the lungs of premature babies – which could improve the way neonatal patients are treated – has been made as part of a Christchurch research collaboration. [Read more](#)

Newborns with vitamin D 'more likely to be hospitalised for respiratory infections'

New University of Auckland research has found that newborns with lower levels of vitamin D are twice as likely to be admitted to hospital with acute respiratory infections during infancy. [Read more](#)

MoH thanks NZ's frontline health staff during World Immunisation Week

Almost 100,000 people aged 65 and over have had the influenza vaccine in the first two weeks of this year's campaign. [Read more](#)

Asbestos exposure

AI used in battle against asbestos-linked cancer

International genomics research has used artificial intelligence (AI) to study an aggressive form of cancer, which could improve patient outcomes. [Read more](#)

Asthma

NZ's inaugural Asthma Awareness Day - Asthma and Respiratory Foundation

This May, the Asthma and Respiratory Foundation New Zealand (ARFNZ) is launching a dedicated New Zealand Asthma Awareness Day: Aotearoa - Te Rā Whakaarohia te Huangā. [Read more](#)

Asthma New Zealand Evokes Darth Vader To Educate Kiwis And Mark World Asthma Day, Tuesday May 4th.

Tuesday May 4th is World Asthma Day. It is also, as all fans will know - 'Star Wars Day' with the phrase "May the Fourth (FORCE) be with you" well known and used by fans. At first glance it's hard to imagine how the two could be linked but imagine for a moment - the raspy sound of Darth Vader's breathing. [Read more](#)

Māori Children Hospitalised With Asthma At Twice Rate Of Non-Māori, Study Finds

A study published today (16 April) in the New Zealand Medical Journal highlights clear inequities in the health outcomes of New Zealand children with asthma. [Read more](#)

The article below is not available full text but may be sourced via a DHB or academic library, or via the NZNO library service

Childhood asthma in New Zealand: the impact of on-going socioeconomic disadvantage (2010–2019)

Deborah Schlichting, Tayaza Fadason, Cameron C. Grant, Justin O'Sullivan

NZ Medical Journal Vol 134 No 1533: 16 April 2021

Globally, asthma is the most common chronic disease in children.

Bronchial disorders (Bronchiectasis/Bronchiolitis)

The article below is not available full text but may be sourced via a DHB or academic library, or via the NZNO library service

Personalized approaches to bronchiectasis,

Rosa Maria Girón Moreno, Adrián Martínez-Vergara & Miguel Ángel Martínez-García (2021)

Expert Review of Respiratory Medicine, 15:4, 477-

491, DOI: [10.1080/17476348.2021.1882853](https://doi.org/10.1080/17476348.2021.1882853)

Introduction: Interest in bronchiectasis is increasing due to its rising prevalence, associated with aging populations and the extended use of high-resolution chest tomography (HRCT), and the resulting high morbidity, mortality, and demand for resources.

Areas covered: This article provides an extensive review of bronchiectasis as a complex and heterogeneous disease, as well as examining the difficulty of establishing useful clinical phenotypes. In keeping with the aims of 'precision medicine', we address the disease of bronchiectasis from three specific perspectives: severity, activity, and impact. We used PubMed to search the literature for articles including the following keywords: personalized medicine, bronchiectasis, biomarkers, phenotypes, precision medicine, treatable traits. We reviewed the most relevant articles published over the last 5 years.

Comorbidities and mortality risk factors for patients with bronchiectasis,

David Clofent, Antonio Álvarez, Letizia Traversi, Mario Culebras, Karina Loor & Eva Polverino (2021)

Expert Review of Respiratory Medicine, DOI: [10.1080/17476348.2021.1886084](https://doi.org/10.1080/17476348.2021.1886084)

Introduction: Comorbidities in patients with bronchiectasis are common and have a significant impact on clinical outcomes, contributing to lower quality of life, lung function, and exacerbation frequency. At least 13 comorbidities have been associated with a higher risk of mortality in bronchiectasis patients. Nonetheless, the kind of relationship between bronchiectasis and comorbidities is heterogeneous and poorly understood.

COPD

Pfizer's temperature change helps primary care in rollout but questions remain

General practices and pharmacies can more easily be involved in the Covid-19 vaccine rollout now Pfizer's vaccine can be stored in a domestic freezer but 10 per cent of practices may opt out, a Royal New Zealand College of General Practitioners survey has found.

[Read more](#)

Indoor Mold Exposure, Anti-Aspergillus Antibodies May Hold Clinical Implications for COPD

Indoor mold exposure and the presence of anti-Aspergillus antibodies may be linked to worsened lung function during exacerbations in chronic obstructive pulmonary disease (COPD), study results published in Environmental Research suggest. [Read more](#)

Patients with COPD: Exploring patients' coping ability during an interdisciplinary pulmonary rehabilitation programme: A qualitative focus group study.

Abrahamsen, C.S., Lang-Ree, H.M., Halvorsen, K. and Stenbakken, C.M. (2021), J Clin Nurs, 30: 1479-1488. <https://doi.org/10.1111/jocn.15700>

To investigate experiences that contribute to enhancing patients' ability to cope with COPD during interdisciplinary in-hospital pulmonary rehabilitation programmes. [Read more](#)

Covid-19

Why should Māori trust the Covid-19 vaccine?

Ahead of a nationwide rollout of the Covid-19 vaccine to kaumātua, health providers say they're up against a tidal wave of misinformation and a deep-rooted distrust of the health system. But Māori are now mobilising to keep their own safe. [Read more](#)

Covid-19 vaccines planned for all over-16s by 2022 - Verrall

Associate Minister of Health Ayesha Verrall says the government has a clear plan to ensure that everyone aged 16 and over will be vaccinated by the end of the year. [Read more](#)

Will COVID-19 vaccines need to be adapted regularly?

Influenza vaccines need to be evaluated every year to ensure they remain effective against new influenza viruses. Will the same apply to COVID-19 vaccines? Researchers compared the evolution of endemic 'common cold' coronaviruses with that of influenza viruses. The researchers predict that, while the pandemic is ongoing, vaccines will need to undergo regular updates. A few years into the post-pandemic period, however, vaccines are likely to remain effective for longer. [Read more](#)

Covid 19 coronavirus: Do I prioritise the covid vaccines or flu jab?

Kiwis over 65 are confused because of conflicting advice about whether to get the Covid-19 vaccination or the flu jab first, says an advocacy group. [Read more](#)

COVID-19 causes 'unexpected' cellular response in the lungs, research finds

Scientists have discovered a surprising response in lung cells infected with the SARS-CoV-2 virus, which might explain why the disease is so difficult to treat. The researchers suggest testing a new pairing of drugs to combat the disease. [Read more](#)

False-positive and false-negative COVID-19 cases: respiratory prevention and management strategies, vaccination, and further perspectives,

Dimitra S. Mouliou & Konstantinos I. Gourgoulanis (2021)

Expert Review of Respiratory Medicine, DOI: [10.1080/17476348.2021.1917389](https://doi.org/10.1080/17476348.2021.1917389)

Introduction: A novel Severe Acute Respiratory Syndrome Coronavirus 2 (SARS-CoV-2) was reported via nucleic acid identification in December, 2019. Accuracy of SARS-CoV-2 diagnostic assays has emerged as a major barrier to COVID-19 diagnosis, particularly in cases requiring urgent or emergent treatment. [Read more](#)

Extracorporeal membrane oxygenation for severe acute respiratory distress syndrome associated with COVID-19

Huseyin Arikan, Jeremy Cordingley

Breathe 2021 17: 200278; DOI: 10.1183/20734735.0278-2020

ECMO management of severe ARDS patients with COVID-19, who are not responding to lung protective ventilation and salvage strategies like prone positioning or inhaled nitric oxide, is safe if performed in a dedicated referral centre. [Read more](#)

Cystic fibrosis

'It's huge': Life-changing cystic fibrosis drug a step closer to being funded by Pharmac

Straight after waking up, Claire Scofield begins each day with a series of treatments – nebulizers, physio and oral medication. [Read more](#)

Influenza

Flu jabs could be complicated this year - sector

Getting the flu vaccine this year could be complicated by the Covid-19 vaccine, says an immunisation specialist. [Read more](#)

Covid-19: Flu vaccine delays add pressure as GPs ramp up for Pfizer vaccine

Flu vaccinations, delayed by manufacturing issues, will add pressure to general practices as they ramp up to administer Covid-19 vaccinations to the public from July, doctors say.

[Read more](#)

Flu jab roll-out to start for over 65s as GPs have to fund, source needles

The country's influenza vaccine roll-out will begin for over 65s only from Wednesday, as manufacturing issues have resulted in a month-long delay to the wider schedule. [Read more](#)

National control will solve flu jab distribution problems

The Ministry of Health will control the distribution of influenza vaccines nationally this year to avoid the shortages that affected parts of New Zealand last winter. [Read more](#)

Covid-19: Can I get the Covid vaccine and the flu jab at the same time?

New Zealanders wanting to get both the flu jab and a Covid-19 vaccine heading into winter will be required to leave a two-week gap between the vaccines. [Read more](#)

Pulmonary fibrosis

The article below is not available full text but may be sourced via a DHB or academic library, or via the NZNO library service

Idiopathic pulmonary fibrosis: a more common condition than you may think

Penny Tremayne and Samuel John Clark

British Journal of Nursing, Vol. 30, No. 6: 359-366.

Idiopathic pulmonary fibrosis (IPF) is a chronic, progressive incurable lung disease that affects a significant amount of people in the UK. Many health professionals have a limited understanding of IPF, which can result in a delayed diagnosis and inadequate care for individuals and their families. This article aims to provide an overview of IPF and help to enhance health professionals' understanding of the disease, thus contributing towards improving the care that IPF sufferers receive. This article provides a definition of IPF and explores its pathophysiology. It discusses the causes and risk factors for developing the condition, examines how IPF is diagnosed and details the treatment options available for IPF patients.

Smoking (inc vaping and electronic cigarettes)

Government proposes drastic cut to tobacco retailers, limiting sales to specific R18 stores or pharmacies

The Government has proposed a raft of radical changes to tobacco smoking controls, including sweeping cuts to tobacco retailers and the banning of tobacco sales to new smokers. [Read more](#)

Rongoā Māori: Plant chemical found in kōwhai helps smokers quit

A chemical found in many New Zealand plants - including the kōwhai - appears to be just as good as a more expensive medicine for helping people quit smoking. [Read more](#)

Smokefree Action Plan Needed For Underserved Communities

Tala Pasifika Director, Lealailepule Edward Cowley says "I am so pleased to see the Government have delivered on their Manifesto promise to prioritise the development of this plan because smoking rates for Pacific people are still too high and the status quo has not been able to reduce our smoking rates significantly to reach the 2025 goal" [Read more](#)

Smoke related illness

Secondhand Smoke Is Sending Kids to the ER

MONDAY, March 29, 2021 (HealthDay News) -- Nonsmokers usually try to avoid secondhand smoke, but many kids have no option, and now a new study finds tobacco smoke exposure puts them at higher risk of hospitalization. [Read more](#)

Professional development / courses / seminars etc

A Nurse's Guide to Social Media

Social media can be a tricky business, especially for a profession struggling with how and when to use our voices and one that is held to such a high standard. Nursing is the most trusted profession, but one wrong move on social media may leave people questioning a nurse's character. For example, a group of nurses who go viral for recording a dance video on Tik Tok to build camaraderie may leave the nurses under scrutiny and accused of neglecting their patients. Improper use of social media, such as sharing patient information online, may even result in nurses being involved in litigation (pro tip: don't ever share patient information online). [Read more](#)

General items of interest

Telemedicine in the management of patients with chronic respiratory failure

Neeraj M. Shah, Georgios Kaltsakas

Breathe 2021 17: 210008; DOI: 10.1183/20734735.0008-2021

Patients with chronic respiratory failure are often required to attend multiple hospital appointments, which may be difficult due to their physical disabilities and the amount of equipment they are required to bring. Their caregivers often struggle with the lack of immediate care available when the patient suffers difficulties at home. Telemedicine is an opportunity to bridge the gap between home and healthcare professionals by allowing the healthcare team to reach into patients' homes to provide more frequent support. The evidence for the use of telemedicine in patients with chronic respiratory failure remains equivocal. Although the uptake of telemedicine has been slow, the SARS-CoV-2 pandemic has resulted in the rapid dissemination of telemedicine to allow the delivery of care to vulnerable patients while reducing the need for their attendance in hospital. Logistical and

legal challenges to the delivery of telemedicine remain, but the pandemic may serve as a driver to ameliorate these challenges and facilitate wider use of this technology to improve the experience of patients with chronic respiratory failure. [Read more](#)

Respiratory Research Review

Issue 183

In this autumn issue we focus on venous thromboembolic disease and idiopathic pulmonary hypertension. [Read more](#)

Respiratory Research Review

Issue 184

In this issue we look at the safety and efficacy of the BNT162b2 mRNA COVID-19 vaccine. [Read more](#)

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Bearing witness to the challenges of breathlessness

Lucy Speakman, Dan Butcher, and Sue Schutz

British Journal of Community Nursing, Vol. 26, No. 4: 162-166.

The community respiratory nurse specialist (CRNS) supports patients at different stages of lung disease, witnessing the challenge of living with chronic obstructive pulmonary disease (COPD), a progressive illness for which there is no cure. Breathlessness is the most prominent and debilitating symptom experienced; it is frightening, distressing and very difficult to manage. Little is known about the experience of CRNSs in witnessing the distress of patients, specifically those experiencing breathlessness. The nurse may have cared for such patients over many months or years. In witnessing this distress, CRNSs engage in emotional labour, which is associated with burnout and poor-quality care. This paper seeks to identify bearing witness to suffering and vulnerability as components of emotional labour in the context of the CRNS role. It highlights the need for research to explore the experience of CRNSs and insights into supporting people with long-term breathlessness. It is more likely that well-supported staff can provide sustained, supportive care to patients living with breathlessness.

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