



NZNO College of Respiratory Nurses Monthly News Bulletin Friday 26 February

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[NZNO / section news](#)

[Consultation](#)

NZNO regularly seeks members input on a range of documents up for consultation. The listing is regularly updated and full information [can be found here](#)

Changes to Pharmac's Advisory Committee's

NZNO welcomes your feedback on PHARMAC's proposal to change how committees advise them on medicines and consumer experiences.

Vaping regulations (under the Smokefree Environments and Regulated Products Act 1990)

NZNO welcomes your feedback on draft regulations that aim to:
better support smokers to switch to regulated products that are less harmful than smoking
protect children, young people and non-smokers from the risks associated with vaping and
smokeless tobacco products.

[New Zealand](#)

Foreverbreathe Demonstration Home opens to the public in Christchurch - ARF

The Health Based Building Foreverbreathe Demonstration Home opens to the public in Christchurch on Monday 1 February showcasing the benefits of high indoor air quality standards for better respiratory health. [Read more](#)

New NZ COPD Guidelines 'timely for those most at risk from COVID-19'

The first-ever New Zealand COPD (Chronic Obstructive Pulmonary Disease) Guidelines have been published in the New Zealand Medical Journal today, providing a national framework for diagnosis and management of COPD in a New Zealand context. [Read more](#)

[Asthma](#)

Asthmatics at no higher risk getting or dying from COVID-19, assessment of studies consisting of 587,000 people shows

A review of 57 studies shows people with asthma had a 14 percent lower risk of getting COVID-19 and were significantly less likely to be hospitalized with the virus. [Read more](#)

'Smart' asthma inhaler sensors improve pediatric asthma control

Sensor-based inhalers integrated into health care providers' clinical workflows may help improve medication adherence and support children with asthma—and their families—to more effectively manage this condition, according to a new Northwestern and Lurie Children's study published in Pediatrics. The study, developed in collaboration with

UnitedHealth Group, showed the use of sensor-based inhaler monitoring may help improve asthma symptom control and caregiver quality of life. [Read more](#)

COPD

New Zealand COPD Guidelines: Quick Reference Guide | OPEN ACCESS

NZ Medical Journal Vol 134 No 1530: 19 February 2021

Chronic obstructive pulmonary disease (COPD) encompasses chronic bronchitis, emphysema, and chronic airflow obstruction. It is characterised by persistent respiratory symptoms and airflow limitation that is not fully reversible. [Read more](#)

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

Closing the gap: The effect of an evidence-based intervention in increasing COPD nurses' knowledge.

Staiou, M, Gourgoulianis, K, Kotrotsiou, E, Raftopoulos, V.

Nursing Forum. 2021; 56: 30- 36. <https://doi.org/10.1111/nuf.12507>

Background

Chronic obstructive pulmonary diseases (COPD) is the leading cause of respiratory failure and is associated with high morbidity and mortality rates. Nurses play a vital role in ensuring effective, safe, and person-centered care in COPD.

Aim

To assess the effect of an evidence-based intervention in increasing the COPD knowledge in a sample of care nurses, staffing public primary, and secondary healthcare services infrastructures and hospitals.

Covid-19

Covid-19: Pasifika vaccine concerns valid but information key to easing fears - expert

Safety, side effects, timing and the eligibility of non-residents and visa overstayers are just some concerns the Pasifika community have when it comes to the [Covid-19](#) vaccine.

[Read more](#)

Covid-19: As the vaccine roll-out begins, NZ enters 'new phase' of managing virus

One of the country's top scientists is optimistic border restrictions could start easing within a few months, as the [Covid-19](#) vaccination roll-out gets underway, but others are heeding caution. [Read more](#)

A year of COVID-19 in NZ – Expert Reaction

This Sunday marks one year since the Ministry of Health confirmed the country's [first case](#) of COVID-19 infection.

At the time, New Zealand was the 48th country to have a confirmed case of COVID-19. One year on, the virus has spread across the globe and the world as we know it has drastically changed as a result of the ongoing pandemic. [Read more](#)

COVID vaccine consent for aged-care residents: it's ethically tricky, but there are ways to get it right

The much anticipated rollout of the Pfizer-BioNTech COVID-19 vaccine [will begin](#) in Australia on Monday.

The [first groups to receive the jab](#) will be quarantine and border workers, frontline health-care workers, aged-care and disability-care workers, and aged-care and disability-care residents. [Read more](#)

Pfizer vaccine highly effective after 1st dose, can be stored at higher temperature, study finds

Pfizer and BioNTech's COVID-19 vaccine was 85 percent effective after a single dose in a peer-reviewed study, and the drugmakers said it doesn't need to be stored at ultralow temperatures, [The Wall Street Journal](#) reported Feb. 19. [Read more](#)

Intentional cooling of the body may help improve acute respiratory distress syndrome

A tenth of all intensive care unit patients worldwide, and many critical patients with COVID-19, have acute respiratory distress syndrome (ARDS). Therapeutic hypothermia, an intentional cooling of the body, has been suggested as a way to improve ARDS. [Read more](#)

Covid-19: Children less likely to report fever, persistent cough, or appetite loss, large UK study finds

BMJ 2021; 372 doi: <https://doi.org/10.1136/bmj.n408> (Published 10 February 2021)

Young people aged five to 17 with covid-19 are less likely to report fever, persistent cough, or appetite loss than adults, according to a UK study of more than a million people. [Read more](#)

Patients recovering from COVID-19 pneumonia in sub-acute care exhibit severe frailty: Role of the nurse assessment.

Mandora, E., Comini, L., Olivares, A., ... et al. (2021), J Clin Nurs. <https://doi.org/10.1111/jocn.15637>

Aims and Objectives

To document the level of frailty in sub-acute COVID-19 patients recovering from acute respiratory failure and investigate the associations between frailty, assessed by the nurse using the Blaylock Risk Assessment Screening Score (BRASS), and clinical and functional patient characteristics during hospitalisation.

Background

Frailty is a major problem in patients discharged from acute care, but no data are available on the frailty risk in survivors of COVID-19 infection. [Read more](#)

Lung cancer

Multidisciplinary care models for patients with lung cancer

Georgia Hardavella, Armin Frille, Christina Theochari... et al
Breathe 2020 16: 200076; DOI: 10.1183/20734735.0076-2020

This review provides simple guidance on setting up and running a multidisciplinary service for lung cancer patients. It highlights the importance of defined roles and responsibilities for team members. It also presents concise information based on the literature regarding the impact of multidisciplinary care in lung cancer outcomes (e.g. survival of patients undergoing lung cancer surgery). [Read more](#)

Lung transplants

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

Lung transplantation for silicosis and recovery: an Australian case study

Kate McEwen and Lyndell Brodie
British Journal of Nursing, Vol. 30, No. 3: 178-183.

Lung transplantation is a well-established treatment for a variety of end-stage pulmonary diseases. However, the journey of a lung transplant recipient is complex and multifaceted. Silicosis is a rare indication for lung transplantation, but no other treatment is yet available for this disease in its end stages. This Australian case study presents a 52-year-old man with silicosis who received bilateral lung transplantation. The patient was frequently noncompliant with noninvasive ventilation therapy and experienced the complication of type 2 respiratory failure. Patient education and support provided, particularly around medication management following transplantation surgery, are discussed here. The patient's social situation and its implications for both him and his family are also considered.

Pneumonia

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

Simple steps to prevent hospital-acquired pneumonia in non-intubated patients: a quality improvement project

Alice Wilkinson, Anousha Singal, and Ghada Ramadan
British Journal of Nursing, Vol. 30, No. 2: 110-115.

Hospital-acquired pneumonia (HAP) affects approximately 1.5% of UK inpatients. As well as leading to significant morbidity and mortality, HAP increases burden on hospitals by lengthening hospital stay. At a district general hospital in Kent, a quality improvement project (QIP) was designed that introduced simple preventive measures that could be implemented by ward nurses and allied health professionals

Sarcoidosis

Sarcoidosis: rarely a single system disorder

Katrin Mannes, Paul S. Thomas
Breathe 2020 16: 200207; DOI: 10.1183/20734735.0207-2020

Sarcoidosis is a systemic disease with a number of extrapulmonary manifestations, rarely limited to a single system. The objective of this review is to provide an overview of the systemic features of sarcoidosis and their surveillance.

Sarcoidosis is a disease that can affect any organ system, resulting in a number of complications that can cause significant morbidity and mortality, including ophthalmological and cardiac complications. A number of investigations play a role in identifying manifestations of sarcoidosis. Respiratory physicians have an important role to play in identifying complications and monitoring patients with sarcoidosis, as they may be the first to encounter them. [Read more](#)

Sleep apnoea

CPAP treatment increases physical activity in adults with sleep apnea, heart disease

A new study found that treating obstructive sleep apnea with CPAP therapy increased self-reported physical activity in adults with a history of heart disease. [Read more](#)

Smoking (inc vaping and electronic cigarettes)

Sharp rise in smoking linked to loneliness in lockdown

People who felt distressed and lonely during the country's lockdown last autumn were three times more likely to smoke more, a new study has found. [Read more](#)

Meet Florence, WHO's digital health worker who can help you quit tobacco

Florence is a 24/7 virtual health worker able to provide digital counselling services to those trying to quit tobacco. She also shares WHO public health messages and recommendations on tobacco and COVID-19. [Read more](#)

Tuberculosis

TB study reveals potential targets to treat and control infection

Researchers may have found a new pathway to treat and control tuberculosis (TB), the disease caused by Mycobacterium tuberculosis (Mtb). Using single-cell RNA sequencing (scRNAseq), a next-generation sequencing technology, scientists were able to further define the mechanisms that lead to TB infection and latency. [Read more](#)

New patient-friendly tuberculosis preventive treatment to be rolled out in five high-burden TB countries at affordable price

Johannesburg — A new fixed-dose combination (FDC) of “3HP”, a short-course tuberculosis (TB) preventive treatment (TPT) combining two drugs, rifapentine and isoniazid, is starting to be rolled out in five TB high burden countries in Africa. This will reduce the number of pills that people who need the treatment have to take every week from nine to three. Enough treatments for up to 3 million patients are expected to be made available for eligible countries this year. [Read more](#)

Professional development / courses / seminars etc

Tips and tricks to more creatively reflect on your CPD

According to Julianne Bryce, the ANMF's Senior Federal Professional Officer, reflection is the cornerstone of a nurse or midwife's CPD practice. [Read more](#)

Nursing Standard podcast: how to be a good communicator

Compassionate communication is an essential skill for nurses – cancer nurse and author Janie Brown shares her tips [Read more](#)

General items of interest

Respiratory Research Review

Issue 181

Lung cancer is the third most commonly diagnosed cancer in NZ. With almost 2500 new diagnoses of lung cancer each year, and more than 1600 lung cancer deaths, it is by far the most common cause of death from cancer in NZ. [Read more](#)

Respiratory Research Review

Issue 182

With thousands of articles published on asthma each year, it is difficult to stay up-to-date, and it's easy to miss critical developments like the availability of funded biological agents or the move away from SABAs as the first step of asthma treatment.

[Read more](#)

You may also be interested to know that a CME/CNE e-learning module - **Pertussis vaccination in patients with respiratory illness** - is now available.

To start the module, Nurses please start [here](#)

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: DianaG@nzno.org.nz

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