



NZNO College of Respiratory Nurses Monthly News Bulletin

Friday 22 February 2019

For feedback please contact your section administrator: diana.geerling@nzno.org.nz

NZNO / section news

Consultation

NZNO is presently consulting with members on a range of issues.

[The full outline can be found here](#)

Proposed changes to national immigration policy

NZNO seeks your feedback on proposed changes to employer-led temporary work visas that aim to ensure these are matched where there are genuine skill shortages.

Crucially for nurses and employers changes include:

- replacing the Essential Skills in Demand Lists with Regional Skills in Demand Lists and
- introducing sector agreements to ensure longer-term structural issues are addressed, so that sectors do not become reliant on migrant labour, at the risk of shutting out opportunities to New Zealander.

<https://www.mbie.govt.nz/have-your-say/consultation-on-a-new-approach-to-employer-assisted-work-visas-and-regional-workforce-planning/>

Please send feedback to policy.analysts@nzno.org.nz by **11 March 2019**

Reform of Vocational Education

NZNO seeks your feedback on proposals for change to the vocational education sector which will affect the education and training of many members. Currently 16 institutes of technology and polytechnics receive \$500 million of government funding annually and are facing significant financial challenges with student numbers in decline, domestically by 1/3 in the last 10 years.

Following engagement with a variety of stakeholders in 2018, the government has three main proposals for change, with a view to making a decision mid-year and legislation being introduced later this year. These proposals include:

- a New Zealand Institute of Skills & Technology serving all of New Zealand and (so existing government owned institutes of technology and polytechnics (ITPs) are brought together as single entity);
- a unified national funding system of vocational education and training and
- new roles for providers and industry bodies Industry Training Organisations

The consultation document and additional companion documents are attached below:

- [Consultation discussion document](#)
- [Roles of providers and industry bodies - technical discussion document](#)
- [New Zealand Institute of Skills & Technology - technical discussion document](#)
- [Unified funding system - technical discussion document](#)

Please send feedback to sue.gasquoine@nzno.org.nz by **20 March 2019**

Health and Disability System Review

Phase one of the review is underway with the Review Committee seeking responses to a short list of questions on what people want from health and disability system. Nurses and the nursing support team are an integral part of the health and disability system, and NZNO seeks member feedback on the questions which [can be found here](#):

We would also encourage all members to respond individually to the online survey which will be live until the end of May <https://systemreview.citizenspace.com/>

Please send feedback to leanne.manson@nzno.org.nz by **31 March 2019**

Therapeutic Products Regulatory Scheme - HIGH IMPORTANCE

NZNO seeks your feedback on a new scheme for the regulation of medicines. The proposed Therapeutic Products Bill will replace the Medicines Act 1981. It will cover all therapeutic products and medical devices, and controls on clinical trials, product approvals, and prescribing procedures. NZNO welcomes the proposed alignment of medicines with health practitioner regulation. We anticipate this will remove outdated legislative barriers to nursing, reduce the use of standing orders, and lead to a more effective use of the health workforce. The consultation document accompanying the draft Bill sets out clearly how the scheme will work in practice. Chapter C details what the new scheme would mean for different sectors and health practitioner groups eg C8 (p.116) describes 'controlled activities' such as prescribing, issuing standing orders. (Note that it is proposed to remove the category of delegated prescribers.)

These proposed, and long awaited changes to medicines regulation are of SINGULAR IMPORTANCE to the profession and practise of nurses, midwives and allied health workers. We strongly urge all NZNO members and member groups to read and discuss the proposed scheme carefully and provide feedback.

[Consultation document](#)

[Draft Bill](#)

(Note that low-risk natural health products, including rongoā Māori and dietary supplements will be regulated separately. <https://www.health.govt.nz/our-work/regulation-health-and-disability-system/natural-health-and-supplementary-products>).

Please send feedback to Sue.Gasquoine@nzno.org.nz by **31 March 2019**.

General

New eHealth tool shows potential to improve quality of asthma care

A new electronic decision support tool for managing asthma has the potential to improve the quality of asthma care in primary care settings, suggests a study led by St. Michael's Hospital in Toronto, Canada.

Asthma (inc paediatric)

Asthma controller step down yardstick—Treatment guidance for when asthma improves

When asthma symptoms improve, there's reason for celebration by both allergist and patient. But once symptoms are better, how do health care practitioners go about stepping down asthma medication to make sure a patient's needs are still met? The Asthma Controller Step Down Yardstick, a new guideline from the American College of Allergy, Asthma and Immunology (ACAAI), offers an "operation manual". It helps health care professionals understand how to identify when a patient is ready to step down their treatment, and what the process might involve.

Price C, Agarwal G, Chan D, et al

Large care gaps in primary care management of asthma: a longitudinal practice audit

BMJ Open 2019;9:e022506. doi: 10.1136/bmjopen-2018-022506

Objectives Care gaps in asthma may be highly prevalent but are poorly characterised. We sought to prospectively measure adherence to key evidence-based adult asthma practices in primary care, and predictors of these behaviours.

Design One-year prospective cohort study employing an electronic chart audit.

Lakhanpaul M, Culley L, Huq T, et al

Qualitative study to identify ethnicity-specific perceptions of and barriers to asthma management in South Asian and White British children with asthma

BMJ Open 2019;9:e024545. doi: 10.1136/bmjopen-2018-024545

This paper draws on the data from the Management and Interventions for Asthma (MIA) study to explore the perceptions and experiences of asthma in British South Asian children using semi-structured interviews. A comparable cohort of White British children was recruited to identify whether any emerging themes were subject to variation between the two groups so that generic and ethnicity-specific themes could be identified for future tailored intervention programmes for South Asian children with asthma.

Davis, S. R., Tudball, J. , Flynn, A. , Lembke, K. , Zwar, N. and Reddel, H. K. (2019),
“You've got to breathe, you know” – asthma patients and carers' perceptions around purchase and use of asthma preventer medicines.

Australian and New Zealand Journal of Public Health. doi:10.1111/1753-6405.12865

Objective: To explore influences on patients' purchase and use of asthma preventer medicines and the perceived acceptability of financial incentives via reduced patient co-payments.

Methods: Semi-structured telephone or face-to-face interviews were conducted with adults and carers of children with asthma. Interviews were recorded, transcribed verbatim and coded. Data were analysed using thematic analysis via grounded theory.

Asbestos exposure

[**Pleural mesothelioma: tackling a deadly cancer**](#)

[The Lancet Respiratory Medicine](#)

Published: January 16, 2019

A new [study](#) from the University of Pittsburgh has highlighted six factors that are associated with improved survival in patients with mesothelioma; age under 45 years, female, epithelioid histological subtype, peritoneal mesothelioma, stage 1 cancer, and being treated with both surgery and chemotherapy. This knowledge, together with recent reports showing promising findings from the use of new targeted immunotherapy agents in malignant pleural mesothelioma, provides new hope for this rare and deadly cancer.

COPD

The item below is not available full text but may be sourced via a DHB library through databases like CINAHL or Proquest, or through the NZNO library service

Tanja Fusi-Schmidhauser, Alessia Riglietti, Katherine Froggatt & Nancy Preston(2019)

Palliative Care Provision for Patients with Advanced Chronic Obstructive Pulmonary Disease: A Systematic Integrative Literature Review,

COPD: Journal of Chronic Obstructive Pulmonary Disease, DOI: [10.1080/15412555.2019.1566893](https://doi.org/10.1080/15412555.2019.1566893)

Although chronic obstructive pulmonary disease (COPD) is recognized as being a life-limiting condition with palliative care needs, palliative care provision is seldom implemented. The disease unpredictability, the misconceptions about palliative care being only for people with cancer, and only relevant in the last days of life, prevent a timely integrated care plan. This systematic review aimed to explore how palliative care is provided in advanced COPD and to identify elements defining integrated palliative care. Eight databases, including MEDLINE, EMBASE and CINAHL, were searched using a comprehensive search strategy to identify studies on palliative care provision in advanced COPD, published from January 1, 1960 to November 30, 2017. Citation tracking and evaluation of trial registers were also performed. Study quality was assessed with a critical appraisal tool for both qualitative and quantitative data. Of the 458 titles, 24 were eligible for inclusion. Experiences about advanced COPD, palliative care timing, service delivery and palliative care integration emerged as main themes, defining a developing taxonomy for palliative care provision in advanced COPD. This taxonomy involves different levels of care provision and integrated care is the last step of this dynamic process. Furthermore, palliative care involvement, holistic needs' assessment and management and advance care planning have been identified as elements of integrated care. This literature review identified elements that could be used to develop a taxonomy of palliative care delivery in advanced COPD. Further research is needed to improve our understanding on palliative care provision in advanced COPD.

Schmid-Mohler, G. , Caress, A. , Spirig, R. and Yorke, J. (2019), **Introducing a model for emotional distress in respiratory disease: A systematic review and synthesis of symptom management models.** *J Adv Nurs.* Accepted Author Manuscript.

doi:[10.1111/jan.13968](https://doi.org/10.1111/jan.13968)

To undertake a theoretical systematic review to develop a conceptual model of illness-related emotional distress in the context of symptom management in chronic respiratory disease.

Influenza

The Flu Is Tied to an Increased Risk of Stroke and Ruptured Arteries

Two new studies have found a link between the flu and an increased risk of two serious conditions: stroke and rupture of the neck arteries.

Influenza and the common cold – two different diseases

There is a lack of information about the difference between influenza and the common cold. Most people struggle to distinguish between these two conditions, and this often leads to irritation and the perpetuation of myths. Similar misconceptions were found in all three countries. This was the finding from a recent international study conducted in Belgium, Croatia and Austria under the supervision of Kathryn Hoffmann from MedUni Vienna's Division of General and Family Medicine.

Inhaler technique

Maricoto T, Correia-de-Sousa J, Taborda-Barata L

Inhaler technique education in elderly patients with asthma or COPD: impact on disease exacerbations—a protocol for a single-blinded randomised controlled trial

BMJ Open 2019;9:e022685. doi: 10.1136/bmjopen-2018-022685

Introduction Chronic Obstructive Pulmonary Disease (COPD) and asthma affect more than 10% of the population. Most patients use their inhaler incorrectly, mainly the elderly, thereby becoming more susceptible to poor clinical control and exacerbations. Placebo device training is regarded as one of the best teaching methods, but there is scarce evidence to support it as the most effective one to improve major clinical outcomes. Our objective is to perform a single-blinded RCT to assess the impact of this education tool in these patients.

Lung cancer

The item below is not available full text but may be sourced via a DHB library through databases like CINAHL or Proquest, or through the NZNO library service

Wang Y-Q, Liu X, Jia Y, Xie J. **Impact of breathing exercises in subjects with lung cancer undergoing surgical resection: A systematic review and meta-analysis.** J Clin Nurs. 2019;28:717–732. <https://doi.org/10.1111/jocn.14696>

Aims and objectives

To assess the effects of breathing exercises on postoperative pulmonary complications (PPCs), pulmonary function, 6-min walk distance (6MWD) and the length of hospital stay (LOS) in lung cancer patients undergoing lung surgery.

Background

Lung cancer patients undergoing lung resection have poor pulmonary function and multiple PPCs. Breathing exercises may improve these symptoms.

Medication / pharmacy

Online support for GPs reduces unnecessary antibiotic prescriptions

New research from King's College London, published today in *The BMJ*, shows that electronically-delivered prescribing feedback and online decision support for GPs reduces unnecessary antibiotic prescriptions for respiratory illness.

Sleep apnoea

Children are grossly underdiagnosed for sleep disordered breathing, research reveals

Children are grossly underdiagnosed for sleep disordered breathing (SDB), which includes obstructive sleep apnea (OSA), and the symptoms may be wrongly attributed to behavior issues, according to research in the *Journal of the American Osteopathic Association*.

Smoking (inc vaping and electronic cigarettes)

Govt to ban smoking in cars carrying children

The government has announced it will ban smoking in cars carrying children under 18 years of age.

Car smoking ban: '10,000 less asthma episodes'

Health authorities say banning smoking in cars where there are children could dramatically cut the number of hospital visits every year in New Zealand.

Ban of smoking in cars with children 'short sighted', says head of police union

A law change which will give police the power to fine people caught smoking in cars carrying children is a "little bit short sighted", the head of the police union says.

Indoor smoking bans may not fully protect children, study finds

The harmful effects of exposure to tobacco smoke have been known for many years. Cigarette and cigar smokers are at significantly higher risk of contracting all sorts of respiratory maladies, and research linking secondhand smoke to cancer goes back nearly three decades.

Vaping and traditional cigarettes: both damaging to the lungs, research says

Vaping of high concentration causes the same toxic damage to lung cells as traditional cigarettes, a new study has found.

For smokers vaping twice as effective

"We've long known that vaping is a very effective way to give up smoking but to have it now confirmed by the prestigious New England Journal of Medicine is incredibly compelling," says Jonathan Devery, director of Alt New Zealand.

Smoking cessation strategies targeting stress reduction may be more successful in women

Women are 31 percent less likely to quit smoking successfully, in part because nicotine replacement therapy is more effective in male smokers. Female smokers experienced more stress and craving than men after viewing cellphone-delivered stress-inducing images, report researchers. Although all smokers making a cessation attempt would likely benefit from interventions to reduce stress, these findings suggest that women could receive particular benefit.

Parnell, A. , Box, E. , Bonevski, B. , Slevin, T. , Anwar-McHenry, J. , Chapman, L. and Pettigrew, S. (2019),

Potential sources of cessation support for high smoking prevalence groups: a qualitative study.

Australian and New Zealand Journal of Public Health. doi:[10.1111/1753-6405.12869](https://doi.org/10.1111/1753-6405.12869)

Objective This study aimed to: i) explore potential sources of cessation support as nominated by disadvantaged smokers; and ii) identify factors influencing decisions to use these sources.

Methods Semi-structured interviews were conducted with 84 smokers accessing community service organisations from the alcohol and other drugs, homeless, and mental health sectors. Transcripts were coded and thematically analysed.

Tuberculosis

[**A Case Management Tool for TB Prevention, Care and Control in the UK \(RCN-UK\)**](#)

PUBLICATION CODE : 006 194

This publication includes guidance for clinical and non-clinical staff involved in the management and care of TB patients. It aims to promote standardisation of protocols and procedures, ensure accountability for delivery and establish clear performance measures through cohort review. The tool is consistent with existing guidance for professionals working in the field of TB in the UK which provide a sound framework for clinical management and commissioning.

Health and wellness

[**Preventing Nurse Burnout**](#)

Working as a nurse can be tough. Because they are so focused on patients, they may not see when they're experiencing burnout—and that can lead to problems with themselves or with being able to properly care for patients.

Professional development / courses / seminars etc

[**How to Advocate For Your Patient**](#)

Advocating is about speaking up when a problem goes unnoticed. Nurses are responsible for the trust patients put in them.

The above 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 and contains an overview of news items, articles and research papers of interest to the College members.
All links are current at the time of being compiled and distributed.

For feedback please contact your section administrator: DianaG@nzno.org.nz

To learn more about the College go to:

http://www.nzno.org.nz/groups/colleges_sections/colleges/college_of_respiratory_nurses

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