



**College of Cancer Nurses, NZNO monthly news bulletin
Friday, 30 October 2020**

Section message

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](#)

New Zealand news

Breast cancer survival rate could double if new cancer centre wins funding

A dedicated centre in the South Island could double the chance of survival for breast cancer patients, a leading surgeon believes. [Read more](#)

Specialist review clinics can help cut waiting lists

OPINION: The establishment of an innovative specialist review clinic in a Kawerau medical centre, following a six-week trial, is demonstrating how cancer detection and prioritisation of treatment acute medical/surgical problems may be improved in New Zealand. [Read more](#)

World 1st surgery at Tauranga Hospital could pave way to new prostate cancer treatment

A world first surgery undertaken at Tauranga Hospital could represent a major advance in the treatment of prostate cancer say medical experts. [Read more](#)

A big few years for breast cancer treatments make a 'big difference' for patients

Changes to drug funding, advancements in treatment and accessibility to detection scans have made a "big difference" to New Zealand breast cancer patients in the last few years, says an oncologist. [Read more](#)

New cancer service at Wairoa Health gives patients better access to treatment - HB DHB

A new cancer support clinic introduced by Wairoa Health and supported by specialist clinical teams at Hawke's Bay DHB is giving local residents better access to cancer treatment and saving hours of travel time. [Read more](#)

Bowel cancer

What I wish I'd known when I received my bowel/rectal cancer diagnosis

This project from the five Midland district health boards (DHBs) aimed to understand the experience of consumers diagnosed with bowel cancer, and of their whānau. This helped to

inform and guide others also diagnosed and create information for consumers and whānau specific to the DHB where they receive treatment. [Read more](#)

Refusal to lower bowel screening age for Māori labelled 'institutional racism'

Performing just one extra colonoscopy per week at each district health board would offer equitable bowel screening for Māori, an expert says. [Read more](#)

Canterbury gets green light for bowel cancer screening after three-year delay

From next month, 90,000 Cantabrians will be offered extra protection against one of New Zealand's biggest killers as the roll-out of the national free bowel screening programme continues. [Read more](#)

Brain cancer

Highly effective tumour detection strategy for common childhood brain tumours

A team of scientists have developed a way to more accurately both detect and monitor a common type of paediatric brain cancer, setting the stage for giving clinicians a real-time view into how the cancer responds to treatment. [Read more](#)

Breast cancer

Breast cancer diagnosis rates down due to Covid-19 impact, but catching up

There have been 104 fewer breast cancer diagnoses in New Zealand this year than in 2019, due to the ongoing impacts of the [Covid-19 pandemic](#). [Read more](#)

Study: Radiotherapy and surgery offer better protection in treating abnormal breast tissue

A major study of women with ductal carcinoma in situ (DCIS) - a breast condition that can become invasive cancer - has shown that surgery to remove the tissue followed by radiotherapy offers better protection compared to surgery alone. [Read more](#)

Many male breast cancers diagnosed late, and delays can be lethal

(HealthDay)—Breast cancer in men is rare. But because it's not often suspected in men, diagnosis often comes only after a tumour has begun to spread throughout the body, new research shows. [Read more](#)

Immediate breast reconstruction during cancer treatment doesn't impact survival

Oct. 14 (UPI) -- Women who undergo immediate breast reconstruction with nipple-sparing mastectomy or skin-sparing mastectomy while on chemotherapy for breast cancer have similar rates of survival and disease recurrence as those who have a conventional mastectomy, study published Wednesday by JAMA Surgery reported. [Read more](#)

The article below is not freely available but may be sourced via the NZNO library or a DHB or educational institution

Efficacy of the DigniCap System in preventing chemotherapy-induced alopecia in breast cancer patients is not related to patient characteristics or side effects of the device.

Pedersini, R, Fornaro, C, di Mauro, P, et al.

Int J Nurs Pract. 2020;e12888. <https://doi.org/10.1111/ijn.12888>

Background

The DigniCap System is an effective scalp cooling device for the prevention of chemotherapy-induced alopecia in early breast cancer patients.

Aim

This prospective study was designed to confirm the efficacy and tolerability of the device, to explore potential factors associated with its efficacy and to collect data on patient perceptions and satisfaction.

Relations of Mindfulness and Illness Acceptance With Psychosocial Functioning in Patients With Metastatic Breast Cancer and Caregivers

Kelly Chinh, Ekin Secinti, Shelley A. Johns ... et al

ONF 2020, 47(6), 739-752 DOI: 10.1188/20.ONF.739-752

Objectives: To examine relationships in mindfulness and illness acceptance and psychosocial functioning in patients with metastatic breast cancer and their family caregivers.

Care models and patient satisfaction

How care pathways contribute to improving oncological care

Care pathways for cancer patients play an important role in improving the quality of care and the outcomes of this care. This is the conclusion of Jolanda van Hoeve in her doctoral thesis that she will defend at the University of Twente on 29 October. However, the development and implementation of care pathways cannot be seen in isolation from other developments. "In fact: a care pathway should be based on current national guidelines and professional standards." [Read more](#)

Chemo/radiation therapies

How to care for your skin during radiation therapy

(HealthDay)—Proper skin care is crucial for cancer patients receiving radiation therapy, the American Academy of Dermatology (AAD) says. [Read more](#)

What do double-check routines actually detect? An observational assessment and qualitative analysis of identified inconsistencies

Pfeiffer Y, Zimmermann C, Schwappach DLB

BMJ Open 2020;**10**:e039291. doi: 10.1136/bmjopen-2020-039291

Objectives Double checking is used in oncology to detect medication errors before administering chemotherapy. The objectives of the study were to determine the frequency of detected potential medication errors, i.e., mismatching information, and to better understand the nature of these inconsistencies. [Read more](#)

Child patients

A Smiling Nurse Makes All the Difference in Pediatric Oncology

Being hospitalized for cancer can be a frightening experience for a child, but a friendly and approachable nurse can make all the difference. [Read more](#)

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Associations between childhood cancer treatment and tooth agenesis

Matthew Shum, Erin Mahoney, Kate Naysmith, Yaso Ramadas, Manisha Narsinh, Heather Anderson, Arun Natarajan, Elizabeth Hitchings, Rob Corbett, Scott Macfarlane

NZ Medical Journal Vol 133 No 1523: 9 October 2020

Globally, approximately 300,000 children are diagnosed with cancer each year, a disease which historically had high mortality rates.

Compassion fatigue

The article below is not freely available but may be sourced via the NZNO library or a DHB or educational institution

Effect of a compassion fatigue resiliency program on nurses' professional quality of life, perceived stress, resilience: A randomized controlled trial.

Pehlivan, T, Güner, P.

J Adv Nurs. 2020; 00: 1– 13. <https://doi.org/10.1111/jan.14568>

Aims This study aimed to conduct a short- and long-term Compassion Fatigue Resiliency Program and compare its impact on nurses' professional quality of life, perceived stress, and resilience.

Exercise

The article below is not freely available but may be sourced via the NZNO library or a DHB or educational institution

Association Between Physical Activity Levels and Chemotherapy-Induced Peripheral Neuropathy Severity in Cancer Survivors

Anna Wilcoxon, Kord M. Kober, Carol Viele ... et al

ONF 2020, 47(6), 703-719 DOI: 10.1188/20.ONF.703-719

Objectives: To evaluate for differences in demographic and clinical characteristics, as well as subjective and objective measures of chemotherapy-induced peripheral neuropathy (CIPN), among different exercise groups.

Gynaecological cancers

Young women at highest risk of developing cervical lesions decrease

The number of young women with the highest risk of developing cervical lesions that can lead to cancer has halved. [Read more](#)

HPV and vaccine

HPV vaccine effective against cervical cancer

Women vaccinated against HPV have a significantly lower risk of developing cervical cancer, and the positive effect is most pronounced for women vaccinated at a young age. That is according to a large study by researchers at Karolinska Institutet in Sweden published in New England Journal of Medicine. [Read more](#)

Lung cancer (inc smoking)

Lung cancer screening a step closer to reality following combined study

Newly released study results present a strong case for lung cancer screening in New Zealand - particularly for Māori whose mortality rates are between three and four times higher than other ethnic groups. [Read more](#)

Clinical impact and cost-effectiveness of integrating smoking cessation into lung cancer screening: a microsimulation model

William K. Evans ... et al.

cmajo September 22, 2020 vol. 8 no. 3 E585-E592. doi: 10.9778/cmajo.20190134

Background: Low-dose computed tomography (CT) screening can reduce lung cancer mortality in people at high risk; adding a smoking cessation intervention to screening could further improve screening program outcomes. This study aimed to assess the impact of adding a smoking cessation intervention to lung cancer screening on clinical outcomes, costs and cost-effectiveness. [Read more](#)

The article below is not freely available but may be sourced via the NZNO library or a DHB or educational institution

Effects of perioperative exercise interventions on lung cancer patients: An overview of systematic reviews.

Zhou, W., Woo, S. and Larson, J.L. (2020), J Clin Nurs. doi:[10.1111/jocn.15511](https://doi.org/10.1111/jocn.15511)

Aims and Objectives

To identify, appraise and summarise systematic reviews of exercise interventions for surgical lung cancer patients.

Background Low exercise capacity, reduced pulmonary function, impaired health-related quality of life and postoperative pulmonary complications are common in surgical lung cancer patients. Numerous systematic reviews address these health problems and examine the effects of exercise intervention. However, differences in the quality and scope of the systematic reviews and discordant findings from the reviews make it difficult for decision-makers to interpret the evidence and establish best practices in the clinical settings.

Melanoma and skin cancers

Hospital Trial Validates Digital Skin Cancer Checking Device

Firstcheck's second generation, clip on lens for checking skin cancers using a smart phone has been found to be "ideal for consumer use" in a review at Waikato Hospital this month.

[Read more](#)

Palliative care

Nurses' experiences of compassionate care in the palliative pathway.

Skorpen Tarberg A, Landstad BJ, Hole T, Thronæs M, Kvangarsnes M.

J Clin Nurs. 2020;00:1–9. <https://doi.org/10.1111/jocn.15528>

Aims and objectives The aim was to explore how nurses experience compassionate care for patients with cancer and family caregivers in different phases of the palliative pathway.

Background Compassion is fundamental to palliative care and viewed as a cornerstone of high-quality care provision. Healthcare authorities emphasize that patients should have the opportunity to stay at home for as long as possible. There are, however, care deficiencies in the palliative pathway. [Read more](#)

When and how clinical nurses adjust nursing care at the end-of-life among patients with cancer: Findings from multiple focus groups

Aura Alexandra Angheluta, Silvia Gonella, Caterina Sgubin ... et al

European journal of oncology nursing. VOLUME 49, 101856, DECEMBER 01, 2020

Published:October 19, 2020DOI:<https://doi.org/10.1016/j.ejon.2020.101856>

Defining patients as 'terminally-ill' may be difficult. Therefore, determining when to shift the goal of care from curative to comfort care may be extremely challenging. The aim of this study was to merge when and how Registered Nurses (RNs) and Nurses' Assistants (NAs) adjust end-of-life care to pursue patient comfort at the end of their lives. [Read more](#)

Pancreatic cancer

Pancreatic cancer: Subtypes with different aggressiveness discovered

Tumors of the pancreas are particularly feared. They are usually discovered late and mortality is high. Until now, no targeted and personalized therapies exist. Scientists at the German Cancer Research Center (DKFZ) and the Heidelberg Institute for Stem Cell Technology and Experimental Medicine (HI-STEM) have now succeeded for the first time in defining two differently aggressive molecular subtypes of pancreatic carcinoma. This provides new insights into the origin of the tumors. [Read more](#)

Paediatric cancers

Addressing the barriers to optimal management of febrile neutropenia in children with cancer

Katrina Anderson, Natalie Bradford, Rachel Edwards ... et al

European journal of oncology nursing. VOLUME 45, 101719, APRIL 01, 2020

Published:March 09, 2020DOI:<https://doi.org/10.1016/j.ejon.2019.101719>

Fever and associated neutropenia presentations are frequent occurrences for children with cancer. Prompt treatment is required to prevent adverse outcomes; however, delays are

common. In Australia's vast landscape, presentations occur in both tertiary metropolitan sites and smaller regional sites. Management and experiences differ between sites. Our primary aim was to identify the barriers to optimal management of febrile neutropenia in children with cancer from patient/parent and clinician perspectives. [Read more](#)

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Manifestation and parental assessment of children's cancer pain at home: An exploratory mixed-methods study.

Parker, R, Wiseman, T, Twycross, A, McKeever, S.

J Clin Nurs. 2020; 29: 4128– 4147. <https://doi.org/10.1111/jocn.15442>

Aims and objectives to describe pain manifestation in children with cancer at home and understand how parents assess this pain.

Background Pain is experienced by children with cancer throughout their cancer journey. Short-term, and into survivorship, pain has negative physical and psychological consequences. Changes in treatment location mean children with cancer spend more time at home. Little is known about pain experienced by children at home or how parents assess this pain.

Prostate cancer

Adding radiation therapy to prostate cancer surgery has been a tough call. New science eases the dilemma

One of the thorniest dilemmas posed by prostate cancer is whether, and when, to give radiation therapy—with its potential bad side effects—to men after surgery to remove the prostate gland. [Read more](#)

Facing life-prolonging treatment: The perspectives of men with advanced metastatic prostate cancer – An interview study

Sandra Doveson, Maja Holm, Lena Axelsson ... et al

European journal of oncology nursing

VOLUME 49, 101859, DECEMBER 01, 2020

Open AccessPublished:October 16, 2020DOI:<https://doi.org/10.1016/j.ejon.2020.101859>

Several life-prolonging treatment options have recently become available for metastatic castration-resistant prostate cancer. However, research regarding patient experiences while undergoing these treatments is scarce. The aim was to explore the perspectives of men when facing life-prolonging treatment of metastatic castration-resistant prostate cancer.

[Read more](#)

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Healing or harming: the prostate cancer dichotomy (Editorial)

Amir Zarrabi, Stephen Mark

NZ Medical Journal Vol 133 No 1523: 9 October 2020

For decades, the optimal management of men with prostate cancer has divided the international urological community. Prostate cancer remains the most expensive cancer in the New Zealand healthcare system, the most commonly diagnosed with around 4,000 new cases per year, and a common cause of death.

Prostate cancer screening in New Zealand: lessons from the past to shape the future in the light of changing evidence

Bashar Matti, Kamran Zargar-Shoshtari

NZMJ Vol 133 No 1523: 9 October 2020

Prostate cancer (PCa) is the most commonly diagnosed cancer for men in numerous developed countries.

Youth / adolescent patients

The article below is not freely available but may be sourced from databases available via the NZNO library or those of a DHB or educational institution

3 Dimensions of Treatment Decision Making in Adolescents and Young Adults with Cancer,

Pyke-Grimm, Kimberly A. PhD, RN, CNS, CPHON; Franck, Linda S. PhD, RN, FAAN; Halpern-Felsher, Bonnie PhD; Goldsby, Robert E. MD; Rehm, Roberta S. PhD, RN, FAAN
Cancer Nursing: 11/12 2020 - Volume 43 - Issue 6 - p 436-445 doi:
10.1097/NCC.0000000000000820

Background Adolescents and young adults (AYAs) experience treatment nonadherence rates as high as 60%, which can increase the risk of cancer relapse. Involvement of AYAs in treatment decisions might support adherence to medical treatment.

Objective The aim of this study was to explore the involvement of AYAs, aged 15 to 20 years, in cancer treatment decision making (TDM).

Newsletters

Immuno-Oncology

Research Review

Issue 13

This issue begins with research reporting on the IMspire150 trial, which found that adding atezolizumab to targeted treatment with vemurafenib and cobimetinib was a safe and tolerable approach that significantly increased PFS in patients with BRAFV600 mutation-positive advanced melanoma. [Read more](#)

Skin Cancer Research Review

Issue 4

We begin this issue with research from the Lancet reporting that adding atezolizumab to targeted vemurafenib and cobimetinib therapy appears to be tolerable while significantly improving PFS in patients with BRAFV600-mutated advanced melanoma. [Read more](#)

Publications and reports

A Model for Building Research Capacity and Infrastructure in Oncology: A Nursing Research Fellowship.

Mazzella Ebstein AM, Barton-Burke M, Fessele KL.

Asia Pac J Oncol Nurs 2020;7:312-8

Nurses caring for oncology patients are uniquely positioned to identify clinical practice areas requiring investigation.^{[5],[7]} Yet the lack of formal didactic instruction in research methods limited the staff nurses' ability to design and successfully conduct research studies. Although MSK staff nurses embraced the research fellowship, bona fide research requires additional education and research mentoring. At MSK, the NRF is sponsored by nursing administration and supports dedicated time for nurses to attend classes and finish a research study. Given that their role is patient care, work schedules are accommodated that meet the nurses' individual needs during the NRF.^{[3],[4],[7]} The purpose of this article is to describe a NRF where the fellowship actively engages nurses in the research process, develops a culture of inquiry, builds nursing research capacity, and sustains an infrastructure that facilitates high-quality, nurse-led oncology research studies. [Read more](#)

Articles of interest

Spirituality Is an Important Part of Cancer Care, But Nurses Need More Support

The study was published in the October issue of the European **Journal of Oncology Nursing**. The researchers concluded that discussions on... [Read more](#)

Satisfaction with an Interactive Voice Response System and Symptom Management Toolkit Intervention to Improve Adherence in Patients Prescribed an Oral Anticancer Agent

Victoria K. Marshall

Barbara A. Given

ONF 2020, 47(6), 637-648 DOI: 10.1188/20.ONF.637-648

Objectives: To describe patient satisfaction with an interactive voice response (IVR) system to assess adherence and symptom management in patients newly prescribed an oral anticancer agent (OAA). [Read more](#)

Management of Opioid-Induced and Non-Opioid-Related Constipation in Patients With Cancer: Systematic Review and Meta-Analysis

Pamela K. Ginex, Brian J. Hanson, Kristine B. LeFebvre ... et al

ONF 2020, 47(6), E211-E224 DOI: 10.1188/20.ONF.E211-E224

Problem Identification: A systematic review and meta-analysis was conducted to inform the development of national clinical practice guidelines on the management of cancer constipation.

The above bulletin has been compiled by Linda Stopforth, SNIPS, on behalf of College of Cancer nurses, NZNO.

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 Section members.

All links are current at the time of being compiled and distributed.

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Linda Stopforth, BA, Dip Bus; NZLSC, RLIANZA

PO Box 315 WELLINGTON 6140

PH: 04-383-6931 or 021-107-2455

email: stop4th@xtra.co.nz



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