From the middle of life onward, only he remains vitally alive who is ready to die with life.

~ Carl Jung ~
Focus on ..... Manitoba Research

Forthcoming presentation at CAG Conference Winnipeg, MB; Oct 19-21, 2017

The Use of Electrical Stimulation for Wound Healing at Deer Lodge Centre, Winnipeg: A Case Study

Objectives: To explore the use of electrical stimulation for wound healing at Deer Lodge Centre, a progressive 429 bed long term care and rehabilitation facility serving adults with complex needs who require specialized care.

Method: A collaborative approach was undertaken to establish a plan of care for using electrical stimulation for wound repair. A chronic stage three pressure injury wound that had not responded to various treatments over a two year period was evaluated. The evidence for adjunct treatments were considered and electrical stimulation was deemed to be an appropriate treatment. Equipment and human resource needs were identified and obtained to meet the specific needs of this case. Treatment parameters were established and an interprofessional team was trained to provide electrical stimulation to the wound. Wound photography and objective measurements were used for weekly evaluations, and other factors influencing wound healing were considered.

Results: A 98% reduction in wound area was achieved after applying electrical stimulation over a 12 week period. The wound required further adjunctive treatment and management in order to progress the wound toward full closure.

Conclusion: In this case study, the use of electrical stimulation was effective in reversing the stalled nature of this chronic wound. Using electrical stimulation as an adjunctive treatment for appropriate clients can be effective in achieving wound healing in a long term care setting. This case study also shows that a collaborative team approach is crucial in supporting this treatment.

Pictured left to right: Daryl Dyck, Clinical Nurse Specialist; Doug, patient; Ivan Garcia, Physiotherapist; Cara Windle, Clinical Service Leader, Physiotherapist. Missing: Maria Froese, Consulting Physiotherapist with a Masters in Clinical Science in Wound Healing
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**Noteworthy LTC literature... from Canadian research**


Expanding the role of HCAs in LTC facilities may lead to a cost-effective and more efficient utilization of workforce in continuing care facilities.


Nursing homes must develop a plan of care to meet their residents’ needs which includes the support of roaming - the condition that this roaming must be within a safe environment.


The hiring of private companions is not a sustainable or equitable solution to under-staffing and under-funding in Canada’s LTC facilities.

**Cable-Williams, B. (2017).** Dying and death within the culture of long-term care facilities in Canada. *International Journal of Older People Nursing*, 12(1). doi:10.1111/opn.12125

Timely palliative care for long-term care residents is likely to require the development of an understanding that living and dying are not dichotomous, but rather unfold together from admission until death.


Burnout is the experience of emotional exhaustion, cynicism, and professional inefficacy. This study suggests that individual care aide and organization features are both predictive of care aide burnout.


**ASSiST** is easy to collect, more timely to retrieve than administrative data, has good criterion and construct validity, and reflects intrafacility variation in health care aide staffing levels.


Interventions to improve heart failure management in long-term care must ensure that appropriate education is provided to all long-term care staff, including unregulated care providers, and in a manner that fosters greater and more effective inter-professional collaboration


The article examines selected heat wave response plans at national, state/provincial, and municipal levels, with a particular focus on specific responses aimed at residents of aged care facilities.


Although a majority of NH residents experienced consistently low or improved pain levels in their last 6 months of life, a substantial number experienced consistently high or substantially worsening pain levels during this same time period.


This article highlights the need to better manage pain levels for some NH residents during the last few months of their lives.


The article examines risk factors associated with head impact during falls in older adults in long-term care.
From the current journal literature


Your elders’ rights are important to your day- to day- caregiving. (2017). *Nurse Aide/VIP*, 29(2), 3-6.
Clinical practice guidelines/best practices/systematic reviews

Cleansing methods during the insertion and maintenance of indwelling urinary catheters: Clinical effectiveness and guidelines. (2017). *The Canadian Agency for Drugs and Technologies in Health (CADTH).*


Disinfection of urinary drainage bag ports: Clinical effectiveness and guidelines. (2017). *The Canadian Agency for Drugs and Technologies in Health (CADTH).*
http://bit.ly/2wGF3Cu


Hip protectors. (2017). *The Canadian Agency for Drugs and Technologies in Health (CADTH).*
http://bit.ly/2gmE301

http://bit.ly/2fSZoOm

Prevention of dehydration in geriatric patients in long-term care: Guidelines. (2017). *The Canadian Agency for Drugs and Technologies in Health (CADTH).*
http://bit.ly/2x1nXiG


doi:10.1002/14651858.CD011882.pub2

doi:10.1136/bmjopen-2016-012759


doi:10.1093/ageing/afx047

doi:10.1371/journal.pone.0178913

doi:10.1007/s00784-017-2110-6


**New books at the Crane Library**


Duncan, A. M. (2016). *Recipe resource for healthy aging*. Waterloo, Ontario; Guelph, Ontario: Schegel-UW Research Institute for Aging; Department of Human Health and Nutritional Sciences, University of Guelph.


Web picks

The following were selected as our “Web Picks of the Week”, a feature of “Info-LTC”, an email alerting service provided by the J.W. Crane Memorial Library. Each week we email a link and description of a web resource related to aging, geriatrics, or long-term care. To subscribe to the “Info-LTC” listserv, go to: http://lists.umanitoba.ca/mailman/listinfo/info-ltc

Canada’s National Dementia Strategy
On June 22, Canada became the 30th country to launch a national dementia strategy. The passing of Bill C-233, An Act respecting a national strategy for Alzheimer’s disease and other dementias, means the Government of Canada will address the overwhelming scale, impact and cost of dementia. The Act not only brings Canada in line with many other countries around the world who have made dementia a priority, but also commits our government to action with definitive timelines, targets, reporting structures and measurable outcomes.

Future Care for Canadian Seniors: A Primer on Nursing Supply and Demand
Given the increase in Canadian seniors who will need continuing care supports over the next 30 years, growth in demand for nursing will far outstrip general labour force growth and therefore require changes to the health system and nursing practices. This briefing, prepared for the Conference Board of Canada, addresses this issue and offers recommendations to address it.

SOS! A Mobile App to Improve Early Detection of Deterioration & Unnecessary Emergency Hospitalization in the Elderly
http://bit.ly/2rNMK4T
Baycrest has launched an online learning tool for a Sensory Observation System (SOS) to increase accessibility, retention and application of geriatric specialty knowledge for healthcare providers caring for the frail elderly at risk of acute deterioration. The Sensory Observation System (SOS) is a mobile app that was created to replace pocket cards that are used by staff to monitor a patient's condition.

MyGrief.ca – Understanding and working through grief and loss
http://www.mygrief.ca/
MyGrief.ca is a free online resource, produced by the Canadian Virtual Hospice, to help people work through their grief from the comfort of their own home, at their own pace. It was developed by family members who’ve “been there”, and grief experts to complement existing community resources and help address the lack of grief services particularly in rural and remote areas. It is also an education tool for health providers.
New Canadian Guideline and App for Opioid Therapy & for Chronic Non-Cancer Pain Guideline:  
A new clinical practice guideline advises doctors to reduce their prescribing of opioid medication to patients with chronic non-cancer pain. Canadians are the second highest users per capita of opioids in the world and the rates of opioid prescriptions and opioid-related hospital visits and deaths have steadily increased in recent years. In addition to the guideline, an app has also been created.

New study looks at oral health and nutrition among nursing home residents  
http://bit.ly/2oYt1jx  
Oral health among nursing home residents is often poor due to age and limited access to dental care, which may be a symptom and cause of poor overall health and nutritional status. A study was performed to assess oral and nutritional status of nursing home residents in Germany. The aim was to show potential associations between oral status, other factors (dementia, age, smoking) and the risk for malnutrition in this population.

Strategies for bringing wellness to people with cognitive decline  
http://bit.ly/2oLsod0  
The International Council on Active Aging has released a new blueprint that lists 14 strategies with the aim of providing the most positive experience for people with mild-to-moderate dementias. Both family members and colleagues are considered within these implementation tactics, which include suggestions for programs, services, staffing and physical environment.

What is the role of healthcare assistants in administrating drugs to nursing home residents?  
http://bit.ly/2nsDfG0  
The National Institute for Health and Care Excellence (2014) has published guidance on all aspects of managing medicines in nursing homes. However, the role of healthcare assistants in administering medicines to residents of care homes is poorly documented, and the question of whether they should be performing this task has been raised by managers and staff. Often the concern is whether administering medicines is legal or appropriate, especially if there is a registered nurse in the care home.

Delirium in nursing homes needs to be taken more seriously  
http://bit.ly/2mBGmxd  
Delirium among nursing home residents often goes undiagnosed and needs to be treated more seriously by long-term care professionals than it currently is, according to the findings of a new research review. This review shows that delirium affects nearly 1 in 5 (18%) long-term care residents and carries a 40% one-year mortality rate. Due to the similarities between delirium symptoms and dementia, the former often goes undiagnosed or misdiagnosed in older patients.

AHRQ releases new resource to help nursing homes with pressure ulcers  
http://bit.ly/2lyFKW1  
The Agency for Healthcare Resource and Quality (AHRQ) has released a new resource to help nursing homes address pressure ulcers that are slow to heal.

New resource informs staff and long-term care residents’ families on sexuality  
http://bit.ly/2kmRABZ  
To help the families of people living in residential care and staff to be more informed about sexuality, researchers from the Australian Centre for Evidence Based Aged Care at La Trobe University have developed a new guideline called “Sexuality and people in residential aged care facilities: A guide for partners and families”.

Infection Prevention and Control Assessment Tool for Long-term Care  
To help prevent instances of and to mitigate costs of healthcare-associated infections, the CDC has posted a new tool for assessing infection control programs and practices in nursing homes and other long-term care facilities. This tool is particularly beneficial for health centers to use in their own
Web-Ed – Web-based educational opportunities

Featured site

University of Iowa. Geriatric Lecture Series 2017  https://igec.uiowa.edu/gls/about-gls

The Geriatric Lecture Series is presented online as a series of monthly lectures. Each lecture can be viewed for one month and is accessible exclusively during the month it is scheduled.

Old favourites

American Society on Aging: Web seminars
http://www.asaging.org/web-seminars

The APRN Resource Center - The Case Studies
https://consultgeri.org/education-training/e-learning-resources/aprn-resource-center-case-studies

Canadian falls prevention curriculum

Center for Geriatric Clinical Simulation Online geriatric continuing education modules
http://geroclinsim.org/

Change Champions

Evidence-Based Review of Stroke Rehabilitation: Educational modules
http://www.ebrsr.com/educational-modules

Geriatrics: Dementia delirium and depression
http://www.youtube.com/watch?v=Lns9d9cpQos

Iowa Geriatric Education Center – GeriaLearning (requires a login)
https://igec.uiowa.edu/gerialearning

Johns Hopkins Geriatric Education Center Consortium
http://www.hopkinsmedicine.org/gec/

Medscape Nurses
http://www.medscape.org/nurses?src=hdr

Nursing CEU courses: Elder health (gerontology)
http://www.nursingceu.com/courses/curriculum_nceu_category.html

Online CEUs: Geriatrics, elderly health care
http://www.nurseceu.com/geriatric_care_ceus.htm

Stanford University Medical School: End of life online curriculum
http://endoflife.stanford.edu/

Wayne State University Institute of Gerontology: Continuing education conferences
http://www.iog.wayne.edu/events/continuing-education.php
Conference calendar

Annual Provincial Palliative Care Conference 2017
September 14 -15, 2017
Winnipeg, MB
http://palliativemanitoba.ca/education/conference/

ICAA Conference and Trade Show
Gaylord Palms Resort & Convention Center,
October 12-14, 2017
Orlando, Florida
http://www.icaa.cc/conferenceandevents/overview.htm

AGE-Well’s 3rd Annual Conference
October 17-19, 2017
Fairmont Winnipeg, MB
http://agewell-nce.ca/agewell2017

CAG2017 46th Annual Scientific and Educational Meeting
October 19-21, 2017
Winnipeg, MB
http://cag2017.ca/

9th Canadian Conference on Dementia
November 2-4 2017
Toronto, Ont.
http://www.canadianconferenceondementia.com/

WRHA Working Through the Pain: A Multimodal Pain Management Workshop
November 9, 2017
Deer Lodge Centre, Large Life & Learning Centre
Winnipeg, MB
https://manitoba-ehealth.learnflex.net/include/login.asp?url=/users/index.asp
*Agelit* is published by the J.W. Crane Memorial Library and serves as an information alerting service for long-term care providers and others interested in geriatrics, gerontology or long-term care. The J.W. Crane Library of Gerontology and Geriatrics is Canada’s largest and best-known special library on aging and long-term care. The Library is located on the 1st floor of the Administration Building of the Deer Lodge Centre at 2109 Portage Avenue. As a unit of the [University of Manitoba Health Sciences Libraries](http://libguides.lib.umanitoba.ca/deerlodge), the Library supports the research and patient care activities for our affiliated clients working at:

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- Manitoba’s Personal Care Homes
- WRHA Long-Term Care Program
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