**18th November - World Chronic Obstructive Pulmonary Disease (COPD) Day**

The theme of COPD day 2015—"It’s not too late" - emphasises the meaningful actions people can take to improve their respiratory health, at any stage before or after a COPD diagnosis. Find out more from: Lung Foundation Australia or the Global Initiative for Chronic Obstructive Lung Disease (GOLD). Or try the interactive Lung Health Checklist.

**COPD & ITS COMORBIDITIES: IMPACT, MEASUREMENT & MECHANISMS**

Chronic obstructive pulmonary disease (COPD) frequently coexists with other conditions often known as comorbidities. The prevalence of most of the common comorbid conditions that accompany COPD has been widely reported. It is also recognized that comorbidities have significant health and economic consequences. Nevertheless, there is scant research examining how comorbidities should be assessed and managed in the context of COPD. Also, the underlying mechanisms linking COPD with its comorbidities are still not fully understood. Owing to these knowledge gaps, current disease-specific approaches provide clinicians with little guidance in terms of managing comorbid conditions in the clinical care of multi-diseased COPD patients. This review discusses the concepts of comorbidity and multi-morbidity in COPD in relation to the overall clinical outcome of COPD management. It also summarizes some of the currently available clinical scores used to measure comorbid conditions and their prognostic abilities. Furthermore, recent developments in the proposed mechanisms linking COPD with its comorbidities are discussed.


**PREGABALIN & SPEECH PATHOLOGY COMBINATION THERAPY FOR REFRACTORY CHRONIC COUGH: A RANDOMISED CONTROLLED TRIAL**

Chronic refractory cough (CRC) is a difficult problem to treat. Speech pathology treatment (SPT) improves symptoms but resolution is incomplete. Centrally acting neuromodulators also improve cough symptoms but not cough reflex sensitivity and the effect is short lived. The authors found that combined SPT and pregabalin reduces symptoms and improves quality of life compared to SPT alone in patients with CRC.


**NOVEMBER IS…. LUNG HEALTH AWARENESS MONTH**

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AUSTRALIA'S WELFARE 2015

This report from the Australian Institute of Health and Welfare provides an overview of the wellbeing of Australians, examining a wide range of relevant topics—including: Understanding welfare; Australia's welfare spending and workforce; Child wellbeing; Young people; Working age; Growing older; Diversity and disadvantage in Australia; Indicators of Australia's welfare.

NEW AUDIO DIGEST CDs (PSYCHIATRY)

Treating bipolar depression: practical considerations 44(18) 2015
Diagnosis / Mixed-feature and anxiety specifiers / Relationship to obesity and metabolic syndrome / Treatment and side effects
Psychopharmacology for perinatal mood and anxiety disorders 44(16) 2015
Fetal risks from medications / Counseling patients / Mood stabilizers

ACUTE KIDNEY INJURY IN AUSTRALIA

Acute kidney injury (AKI) is increasing in incidence globally. This AIHW report presents the first national statistical snapshot on AKI and its impact in Australia.

CULTURAL COMPETENCY IN THE DELIVERY OF HEALTH SERVICES FOR INDIGENOUS PEOPLE

This review aims to examine available evidence on cultural competency in health care settings to identify key approaches and strategies that can contribute to improving the development and implementation of Indigenous health services and programs.

PREVALENCE OF TYPE 1 DIABETES AMONG CHILDREN AGED 0–14 IN AUSTRALIA 2013

This AIHW report, based on data from the National (insulin-treated) Diabetes Register, presents the first national picture of children aged 0–14, living with type 1 diabetes in Australia.

ANY SUGGESTIONS?
The staff of HNE Health Libraries value your input. We appreciate any recommendations or suggestions and are happy to discuss them.

RECENT ARTICLES

NB. Articles in dark blue or bold text have Australian content.


Maltby, V. et al. (2015) Genome-wide DNA methylation profiling of CD8+ T cells shows a distinct epigenetic signature to CD8+ T cells in multiple sclerosis patients. Clinical epigenetics, 7:118


Enjeti, A. et al. (2015) A longitudinal evaluation of performance of automated BCR-ABL1 quantitation using cartridge-based detection system. Pathology, 47(6), 570-574

SURVEY OF AUSTRALIAN CANCER NURSES: THE PREVENTION & CONTROL OF NON-COMMUNICABLE DISEASES

There is global imperative to reduce the burden of non-communicable diseases (NCDs). NCDs are the leading cause of death and disability globally. In Australia, 2010, the World Health Organization estimated cancer deaths attributable to NCDs accounted for approximately 29% of all deaths and most are preventable by modifying lifestyle associated risk factors. The International Council of Nurses (2010) identified nurses are ideally placed to contribute to prevention and control of NCDs through evidence based strategies. The aim of this study was to explore the Australian cancer nurses role, knowledge, and skills to prevent and control NCDs.


NIacin & THE RISK OF NEW-ONSET DIABETES

Previous studies have suggested that niacin treatment raises glucose levels in patients with diabetes and may increase the risk of developing diabetes. In 11 trials involving 26,340 non-diabetic participants, niacin therapy was associated with a risk ratio of 1.34 for new-onset diabetes, with limited heterogeneity between trials. This equates to one additional case of diabetes per 43 initially non-diabetic individuals who are treated with niacin for 5 years. Results were consistent regardless of whether participants received background statin therapy or combined therapy with laropiprant.


DEEP BRAIN STIMULATION IN MENTAL HEALTH: REVIEW OF EVIDENCE

There is increasing interest in the use of deep brain stimulation as a treatment for psychiatric disorders. The authors consider the evidence for the effectiveness of deep brain stimulation for psychiatric indications, with a primary focus on obsessive compulsive disorder and major depressive disorder.

While some promising initial data exist to support its potential efficacy for a number of psychiatric conditions, further research is required to establish optimal implantation targets, patient characteristics associated with positive therapeutic outcomes and optimal deep brain stimulation parameters and parameter-programming methods.


INTerventions FOR pREVENTION OF HERPES simplex labialis

Current evidence demonstrates that long-term use of oral antiviral agents can prevent herpes simplex labialis (HSL), but the clinical benefit is small. There was no evidence of an increased risk of adverse events. The evidence on topical antiviral agents and other interventions either showed no efficacy or could not confirm their efficacy in preventing HSL.


SEVERE INTESTINAL MALABSORPTION ASSOCIATED WITH OLMESARTAN

In a nationwide patient cohort (including 4,566,680 patients), use of olmesartan was associated with an increased risk of hospitalisation for intestinal malabsorption and coeliac disease compared with other angiotensin receptor blockers (ARBs) and ACE inhibitors (ACEIs).


Contact HNE Libraries to access this article

THROMBOLYTIC THERAPY FOR PULMONARY EMBOLISM

The evidence that thrombolytic therapy (powerful anticoagulation drugs) reduces death following acute pulmonary embolism compared with heparin is of low quality and should be considered with caution. Thrombolytic therapy may be helpful in reducing the recurrence of pulmonary emboli but may cause more major and minor haemorrhagic events and stroke.


Lurasidone FOR MAJOR DEPRESSIVE DISORDER WITH MIXED FEATURES

This study evaluated the efficacy and safety of lurasidone in major depressive disorder with subthreshold hypomanic symptoms (mixed features). Lurasidone significantly improved depressive symptoms and overall illness severity. Significant improvement in manic symptoms was also observed. Rates of discontinuation due to adverse events were low. The most common adverse events were nausea and somnolence.


Available via CIAP


Available via CIAP

B-Lblocker-ASSOCIATED RISKS IN PATIENTS WITH UNCOMPLICATED HYPERTENSION UNDERGOING NONCARDIAC SURGERY

Anti-hypertensive treatment with a beta-blocker may be associated with increased risks of perioperative major adverse cardiovascular events (MACEs), eg. cardiovascular death, nonfatal ischemic stroke, nonfatal myocardial infarction, and all-cause mortality in patients with uncomplicated hypertension. Risk of MACEs associated with beta-blocker use seemed especially pronounced for patients at least 70 years old, for men, and for patients undergoing acute surgery.


ULTRASOUND-GUIDED INTRA-ARTICULAR & ROTATOR INTERVAL CORTICOSTEROID INJECTIONS IN ADHESIVE CAPSULITIS OF THE SHOULDER

Adhesive capsulitis (frozen shoulder) is a common cause of shoulder pain and disability. This double-blind, sham-controlled randomized study compares changes in shoulder pain at 6 weeks after ultrasound-guided intra-articular corticosteroid injection or combined intra-articular and rotator interval injection. For both corticosteroid injection groups, there was a significant difference compared with sham injection at week 6. Differences between the corticosteroid groups were not significant at any time. Similar results were found for secondary outcome measures - night pain, Shoulder Pain and Disability Index.


Available via CIAP

Source:

(L-R) YOLANDE COX, GILLIAN BLANCHARD & CATHERINE JOHNSON DEPT OF MEDICAL ONCOLOGY, CMN

HNE HEALTH LIBRARIES www.hnehelibraries.com.au
NEW LIBRARY SUBSCRIPTION: CLINICAL SEARCH ENGINE (TRIP)

TRIP (Turning Research Into Practice) is a clinical search engine designed to allow users to quickly and easily find and use high-quality research evidence to support their practice and/or care.

Trip has been online since 1997 and in that time has developed into the Internet’s premier source of evidence-based content.

The Trip search system has an unrivalled collection of high-quality secondary evidence ranging from systematic reviews and clinical guidelines to evidence-based synopses and clinical Q&As. This is supplemented with a substantial collection of high-quality, health-related, grey literature.

As well as research evidence, clinicians can search across other content types including images, videos, patient information leaflets, educational courses and news.

What makes Trip so useful?

- Easy filtering of results to find the right evidence quickly, eg. systematic reviews and guidelines
- Monthly alert of new evidence
- PICO search interface
- Search results ordering by quality, relevance or date
- Links to full-text articles
- Exports records to reference management software

TEDMED Live 2015

Join TEDMEDLive, November 18–20, as we focus on breaking through the status quo and celebrating the typical, the atypical and the spaces in between as we come together to shape a healthier world.

During the event, you can access the TEDMED Live video stream at tedmedlive.org. Use HNE Health Libraries’ Affiliate ID for access to the live video stream.

For more information contact Julia: julia.gollan@hnehealth.nsw.gov.au

NEW - HNELHD LEGAL EDUCATION SERIES

The inaugural health issues legal seminar held 20th October 2015, Withdrawing, withholding and refusing life sustaining treatment, is now available via the HNE Health Libraries ‘Legal education’ page.

This two-hour education forum includes a mix of presentations from lawyers, hypnotists and answers to questions raised during the session.

TRANSPLANTATION OF THE HEART AFTER CIRCULATORY DEATH OF THE DONOR: TIME FOR A CHANGE IN LAW?

Procurement of organs has always been conducted according to the dead donor rule, that is, after death of the donor — but this practice is being challenged.


Also podcast with the authors...

scroll down to Episode 28

OVID NEWS

All books available on Books@Ovid are now available to be viewed using the Ovid eBook Reader.

The Embase (EMED) database is being reloaded to implement the latest 2015 Thesaurus Tool. New changes should be live on 23rd November.

THE BORING PATIENT – FREE DOWNLOAD

In this cross between memoir, case study, and lecture, the author takes the reader on a humour-laden trip through a Hodgkin’s Lymphoma diagnosis, chemotherapy, and ultimately a bone marrow transplant. This book is for others living through a journey with cancer, and those in the business of delivering health care - doctors, med students, nurses, and medical administrators.

Now available as a free e-book – or free online audio. But if you prefer a paper copy, you can find one at HNE Libraries: 646.0944 LAWN 2014, JHH & Mater

LATEST HNE HANDBOVER

Special Issue 8(2) 2015: Abstracts from the Australian Nursing and Midwifery Conference, 2015

You can find abstracts of all of the presentations delivered over the two-day conference, along with conference posters, in the latest HNE Handover for nurses and midwives.

YOUR HNE HEALTH LIBRARIES

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