INTEGRATED RECOVERY-ORIENTED MODEL FOR MENTAL HEALTH SERVICES: EVOLUTION & CHALLENGES

This descriptive paper outlines a service-wide Integrated Recovery-oriented Model (IRM) for mental health services, designed to enhance personally valued health, wellbeing and social inclusion outcomes by increasing access to evidenced-based psychosocial interventions within a service context that supports recovery as both a process and an outcome.


IMPLEMENTATION OF A RECOVERY-ORIENTED MODEL IN A SUB-ACUTE ISMHU

An ongoing service evaluation project was initiated following the establishment of a new, purpose-built, 20-bed sub-acute Intermediate Stay Mental Health Unit (ISMHU). This paper provides an overview of the targeted 6-week program, operating within an Integrated Recovery-oriented Model (IRM); characterises the clients admitted during the first 16 months; and documents their recovery needs and any changes. The project demonstrates that a recovery-oriented model can be successfully implemented at the intermediate level of care. It is hoped that ongoing evaluations support the enthusiasm, commitment and feedback evident from staff, clients and carers.


RETROSPECTIVE REVIEW OF CONSECUTIVE CASES OF PAEDIATRIC COMPLEX PAIN

A retrospective review of the medical records of all new patients referred to a paediatric pain specialist (January 2008–June 2013) prior to the establishment of a multidisciplinary service at John Hunter Children's Hospital. The aim was to identify the demographic and clinical characteristics of children, young people and their families (n=114, age=0-19 years), quantify anecdotal observations, determine service priorities and identify clinical improvement opportunities.

Many demographics are consistent with those previously reported; however, the number of children who identified as being of Aboriginal origin (11%), with rare diseases (28%), new diagnoses made (47%), child protection reports submitted (14%) and psychological morbidity in children (58%) and caregivers (38%) are new findings in the context of pain management and serve as indicators of the complex service needs of these patients and their families. The complexities encountered in this small cohort provide an indication of the time investment needed to understand and manage complex paediatric pain, especially in the contexts of complex families, time-poor general practitioners and under-resourced communities.


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VACCINATION: PERSPECTIVES OF AUSTRALIAN PARENTS

The latest Australian Child Health Poll from the Royal Children’s Hospital Melbourne, found the majority of Australian parents support childhood vaccination and keep their children’s vaccines up-to-date. It also revealed a worrying pattern of practice in Australian health care, in which some unvaccinated children are being refused care by health care providers.

SOURCE: Menzies, R. et al. (2017)

VACCINE MYOPIA: ADULT VACCINATION ALSO NEEDS ATTENTION

The authors estimate that there are approximately 4.1 million under-vaccinated Australians each year, that is, people who are eligible to receive free vaccine(s) under the National Immunisation Program (NIP) but do not receive them. Of these, the children of parents with ideological objections to vaccination are a small subset; the vast majority are adults.

SOURCE: Menzies, R. et al. (2017)

INCIDENCE OF INSULIN-TREATED DIABETES IN AUSTRALIA, 2015

This AIHW fact sheet provides the latest available national data on new cases of insulin-treated diabetes in Australia. The fact sheet is accompanied by a dynamic data display, which provides data on insulin-treated diabetes by age at first insulin use, Indigenous status, remoteness, SEIFA and state/territory.

RECENT ARTICLES


Bureau, C. et al. (2017) Transjugular intrahepatic portosystemic shunts with covered stents increase transplant-free survival of patients with cirrhosis and recurrent ascites. Gastroenterology, 152(4), 157-163


Daly, J. et al. (2017) A cluster randomised controlled trial of a brief child health nurse intervention to reduce infant second-hand smoke exposure. Maternal and child health journal, 21(1), 108-117

Pillans, P. et al. (2017) Self-poisoning by older Australians: a cohort study. MJA, 206(6), 164-169


Oosterven, E. et al. (2017) A systematic review of eHealth behavioral interventions targeting smoking, nutrition, alcohol, physical activity and/or obesity for young adults. Preventive medicine, 99, 197-206
**Efficacy of a Universal Smoking Cessation Intervention Initiated in Inpatient Psychiatry and Continued Post-Discharge**

This randomised controlled trial by local authors found that universal smoking cessation treatment initiated in inpatient psychiatry and continued post-discharge was efficacious in increasing 7-day point prevalence smoking cessation rates and related quitting behaviours at 6 months post-discharge, with sustained effects on quitting behaviour at 12 months.


**Predicting Serum Drug Level Using the Principles of Pharmacokinetics After an Overdose**

In cases of drug overdose, clinicians often find it challenging to predict serum drug level and decide the optimum time for recommencing the overdosed drug. This paper describes how to predict serum drug level using the principles of pharmacokinetics. The proposed method and recommencement of the overdosed drug is demonstrated using a clinical case of lithium overdose.


**Stress Increases the Risk of Type 2 Diabetes Onset in Women**

The aim of this study was to examine the relationship between perceived stress and type 2 diabetes onset, and partition the estimates into direct and indirect effects. Data was collected from 12,844 women participating in the Australian Longitudinal Study on Women’s Health. A significant association was found between hypertension, as well as physical activity and body mass index, and diabetes, but not smoking or diet quality. Moderately high stress levels were associated with a 2.3-fold increase in the odds of diabetes three years later.


**Stoke Management & Rehabilitation**

Roads to recovery is a review of stroke services — identifying stroke and acute management, recovery and rehabilitation, and life after stroke. Developed by the National Institute for Health Research (UK), it features 44 published studies, 29 ongoing studies, questions to ask about stroke services and quotes from commissioners, clinicians and service users.

**CBASP vs Non Specific Psychotherapy for Chronic Depression**

A prospective, multicentre, evaluator-blinded, randomized clinical trial was conducted among 268 adult outpatients with early-onset chronic depression who were not taking antidepressant medication. The treatment included 24 sessions of Cognitive Behavioral Analysis System of Psychotherapy (CBASP) or non-specific supportive psychotherapy (SP) for 20 weeks in the acute phase, followed by 8 continuation sessions during the next 28 weeks. Patients undergoing CBASP were more likely to reach response or remission after 20 weeks. Patients undergoing CBASP showed significant advantages in secondary outcomes such as self-assessed ratings of depression, global functioning, and quality of life.


**Lack of Respiratory Depression in Paracetamol-Codine Combination Overdoses**

Codeine containing analgesics are commonly taken in overdose, but the frequency of respiratory depression is unknown. The authors reviewed elaborate self-poisoning admissions with paracetamol (>2 g) and paracetamol-codeine combinations (n=4488) presenting to a tertiary toxicology unit (1987-2013). Primary outcome was naloxone requirement or ventilation for respiratory depression. Significantly larger paracetamol overdose were ingested and more acetylcysteine given in paracetamol alone versus paracetamol combination overdoses. Paracetamol-codeine combination overdoses are rarely associated with severe respiratory depression, with only two given naloxone and none intubated for respiratory depression.


**Systematic Review of the Effects of Horticultural Therapy on Persons with Mental Health Conditions**

A systematic review of the benefits of horticultural therapy (HT) on persons with mental health conditions located 14 studies (1992-2015). Eleven of those studies reported statistically significant findings in support of HT for at least one dependent variable.

The findings were found in a variety of settings, mental health conditions, and with both genders.


**Indications for AMR in Surgically Resected Small Cell Lung Cancer**

The authors sought to examine whether adjuvant mediastinal radiotherapy (AMR) was associated with an improvement in survival for resected small cell lung cancer (SCLC) patients and to define subpopulations that should be selected for AMR. 3,101 patients were identified from the US National Cancer Database (2004-2013). AMR is associated with longer survival for node-positive patients after resection for SCLC, especially those with pN2. AMR may also be associated with longer survival in patients undergoing sublobar resections.


Available via ClinicalKey.

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Available via CIAP.
REMOTE ACCESS TO CLINICALKEY

**DID YOU KNOW** – you can access ClinicalKey even when you are not connected to HNELHD’s network?

- To begin, go to the HNEH Libraries webpage.
- Select ‘ClinicalKey’ or ‘ClinicalKey for Nursing’ from the list of ‘Quick Links’ on the RHS of screen.
- Click on ‘Register’ (top RHS of screen) and then enter your details as requested.
- Enter an institutional email address to ensure access
- The system will send a confirmation notice to the email address you entered – so click the link provided in the email.
- Once registered, the name you entered will appear in the top RHS of screen. If you click the drop-down arrow next to it, you will get a few options – including ‘Remote access.’
- Click ‘Remote access’ – enter your institutional (work) email address and await another confirmation email. Click the link in the email and your remote access is enabled.

NB. Remote Access is not compatible with a Yahoo, Gmail, or other personal email account.

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HNE HEALTH LIBRARIES CAN ASSIST YOU IN YOUR RESEARCH & PRACTICE

For those undertaking an innovation scholarship project, developing a guideline, undertaking a systematic review or meta-analysis, or for higher degree students, Librarians can support you or your team in the following ways:

- Develop and refine review topics
- Identify existing systematic reviews on a topic
- Recommend appropriate databases
- Review existing search strategies
- Develop search strategies for each database
- Execute searches across multiple databases
- Document search strategies
- De-duplicate and provide citations in Endnote
- Assist with locating full-text articles
- Provide a narrative of the search methodology
- Update searches as required

Feel free to visit a HNE Health Library branch to discuss your projects and learn more about the ways in which we can assist you in your research and practice. Or take a look at this quick overview...

HAVE THE COURAGE TO ACT ON BURNOUT

Burnout appears to be a particular risk for high achievers who are passionate about what they do, and deal with problems and challenges with a “can do everything” approach. The medical profession actively selects and encourages these attributes, so it should come as no surprise that doctors turn out to be at high risk for burnout.

WHO PUBLISHES LIST OF MOST THREATENING BACTERIA

The World Health Organization (WHO) has released a list of 12 families of bacteria that pose the greatest threat to human health. The list of antibiotic-resistant “priority pathogens” was created to guide and promote research and development of new antibiotics.

INVENTOR OF WORLD WIDE WEB WINS TOP PRIZE

Most people who search Google, share on Facebook and shop on Amazon have never heard of Tim Berners-Lee. But they might not be doing any of those things had he not invented the World Wide Web. Berners-Lee is this year’s recipient of the A.M. Turing Award, computing’s version of the Nobel Prize.

INNOVATION SCHOLARSHIP

For those undertaking an innovation scholarship project, the Libraries can support you or your team in the following ways:

- Assist with locating full-text articles
- Provide a narrative of the search methodology
- Update searches as required

Feel free to visit a HNE Health Library branch to discuss your projects and learn more about the ways in which we can assist you in your research and practice.

NEW AUDIO DIGEST PSYCHIATRY CDs

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<thead>
<tr>
<th>CD Title</th>
<th>Publication Date</th>
<th>Details</th>
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<tr>
<td>Psychopharmacology in special populations</td>
<td>46(1) 2017</td>
<td>Substance abuse in patients with depression</td>
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<tr>
<td>Issues in psychiatric malpractice</td>
<td>46(2) 2017</td>
<td>The “4 Ds” / liability associated with suicide / informed consent / sexual misconduct / negligent psychotherapy / abandonment / hindsight bias / case vignette</td>
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<td>Update on child and adolescent psychiatry</td>
<td>46(3) 2017</td>
<td>Substance abuse disorders in adolescents / ADHD in children and adolescents</td>
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**Audio-Digest Foundation**

**Levels of Service provided by the Libraries:***

- **Research and Evidence-based Practice:**
  - Assistance with locating full-text articles
  - Providing a narrative of the search methodology
  - Updating searches as required
- **Systematic Reviews and Meta-analyses:**
  - Assistance with locating full-text articles
  - Providing a narrative of the search methodology
  - Updating searches as required
- **Guideline Development:**
  - Assistance with locating full-text articles
  - Providing a narrative of the search methodology
  - Updating searches as required
- **Projects:**
  - Assistance with locating full-text articles
  - Providing a narrative of the search methodology
  - Updating searches as required
- **Thesis/Dissertation:**
  - Assistance with locating full-text articles
  - Providing a narrative of the search methodology
  - Updating searches as required
- **Project:**
  - Assistance with locating full-text articles
  - Providing a narrative of the search methodology
  - Updating searches as required
- **Clinical Key for Nursing:**
  - Assistance with locating full-text articles
  - Providing a narrative of the search methodology
  - Updating searches as required

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