Evidence Bulletin Jul-Aug 2015

A summary of Guidelines, Reviews, HTAs, Trials, Reports & key studies

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Adverse Events
Acute Hospital Admissions Because of Health Care–Related Adverse Events: A Retrospective Study of 5 Specialist Departments

Ambulatory Care
Older Adults and Unanticipated Hospital Admission within 30 Days of Ambulatory Surgery: An Analysis of 53,667 Ambulatory Surgical Procedures

Effects of Music Therapy on Anesthesia Requirements and Anxiety in Women Undergoing Ambulatory Breast Surgery for Cancer Diagnosis and Treatment: A Randomized Controlled Trial
http://jco.ascopubs.org/content/early/2015/08/11/JCO.2014.59.6049.long (FT - SVHG)

Emergency hospital admissions for ambulatory care sensitive conditions (a tool to track ambulatory care sensitive conditions over time)
http://www.qualitywatch.org.uk/static/dataviz_acs/ (OA)

Anaesthesia/Pain Management
Prothrombin complex concentrate for reversal of vitamin K antagonist treatment in bleeding and non-bleeding patients

The use of propofol for procedural sedation in emergency departments

Impact of metabolic syndrome in surgical patients: should we bother?
http://bja.oxfordjournals.org/content/115/2/194.long (FT - SVHG)

Difficult airway response team: a novel quality improvement program for managing hospital-wide airway emergencies

Music as an aid for postoperative recovery in adults: a systematic review and meta-analysis

The ‘Best Practice Guide to Conservative Management of Patellofemoral Pain’: incorporating level 1 evidence with expert clinical reasoning
http://bjsm.bmj.com/content/early/2015/02/24/bjsports-2014-093637.short (FT - UCD)

Triptans in the Acute Treatment of Migraine: A Systematic Review and Network Meta-Analysis

Reducing pain during vaccine injections: clinical practice guideline
http://www.cmaj.ca/content/early/2015/08/24/cmaj.150391.full.pdf (OA)

Fibromyalgia syndrome in need of effective treatments
http://jpet.aspetjournals.org/content/early/2015/08/25/jpet.115.227298.full.pdf (OA)
**Aphasia**

Development and validation of Australian aphasia rehabilitation best practice statements using the RAND/UCLA appropriateness method

http://bmjopen.bmj.com/content/5/7/e007641.long (OA)

Using functional imaging to understand therapeutic effects in poststroke aphasia.


Update in Aphasia Research


Combining Voxel-based Lesion-symptom Mapping (VLSM) With A-tDCS Language Treatment: Predicting Outcome of Recovery in Nonfluent Chronic Aphasia


Improvement of spontaneous language in stroke patients with chronic aphasia treated with music therapy: a randomized controlled trial


Effects of Low-Frequency Repetitive Transcranial Magnetic Stimulation Combined with Intensive Speech Therapy on Cerebral Blood Flow in Post-Stroke Aphasia

http://link.springer.com/article/10.1007/s12975-015-0417-7 (FT - UCD)

'That doesn't translate': the role of evidence based practice in disempowering speech pathologists in acute aphasia management

http://bit.ly/1Lyqgc0 (OA)

Evidence for Intensive Aphasia Therapy: Consideration of Theories From Neuroscience and Cognitive Psychology


**Biochemistry**

Obesity and cancer phenotype: Is angiogenesis a missed link?


PRIMARY AND SECONDARY HAEMOSTASIS CHANGES RELATED TO AGING


Exercise and oxidative stress: Potential effects of antioxidant dietary strategies in sports


The cancer cells-of-origin in the gastrointestinal tract: progenitors revisited

http://carcin.oxfordjournals.org/content/36/8/811.long (OA)

Microfluidic platform for assessing pancreatic islet functionality through dielectric spectroscopy

http://scitation.aip.org/content/aip/journal/bmf/9/4/10.1063/1.4929652 (OA)

**Breast Cancer**

Development of a core outcome set for research and audit studies in reconstructive breast surgery


Association Between Use of the 21-Gene Recurrence Score Assay and Receipt of Chemotherapy Among Medicare Beneficiaries With Early-Stage Breast Cancer, 2005-2009

Survival Benefit of Breast Surgery for Low-Grade Ductal Carcinoma In Situ: A Population-Based Cohort Study

Breast Cancer Mortality after a Diagnosis of Ductal Carcinoma In Situ

Practical Problems with Clinical Guidelines for Breast Cancer Prevention Based on Remaining Lifetime Risk
[http://jnci.oxfordjournals.org/content/107/7/djv124.short](http://jnci.oxfordjournals.org/content/107/7/djv124.short) (OA)

Cancer
Tinzaparin vs Warfarin for Treatment of Acute Venous Thromboembolism in Patients With Active Cancer
A Randomized Clinical Trial

Vemurafenib in Multiple Nonmelanoma Cancers with BRAF V600 Mutations

Cardiac Surgery
Postoperative Critical Care of the Adult Cardiac Surgical Patient. Part I: Routine Postoperative Care

Postoperative Critical Care of the Adult Cardiac Surgical Patient: Part II: Procedure-Specific Considerations, Management of Complications, and Quality Improvement.

Cardiology
The role of vascular biomarkers for primary and secondary prevention. A position paper from the European Society of Cardiology Working Group on peripheral circulation: Endorsed by the Association for Research into Arterial Structure and Physiology (ARTERY) Society

Cost-effectiveness of 10-Year Risk Thresholds for Initiation of Statin Therapy for Primary Prevention of Cardiovascular Disease

Assessment of the CHA2DS2-VASc Score in Predicting Ischemic Stroke, Thromboembolism, and Death in Patients with Heart Failure with and without Atrial Fibrillation

The Cardiovascular Risk Factors Profile predisposing to heart attacks in young women

Cardiology: Atrial Fibrillation
Atrial fibrillation: treatment and management. NICE quality standard [QS93]
[http://www.nice.org.uk/guidance/qs93](http://www.nice.org.uk/guidance/qs93) (OA)
Chaplaincy
Increasing the Number of Outpatients Receiving Spiritual Assessment: A Pain and Palliative Care Service Quality Improvement Project

Exploring the Phenomenon of Spiritual Care Between Hospital Chaplains and Hospital Based Healthcare Providers

Religion, spirituality, and physical health in cancer patients: A meta-analysis

The Affordable Care Act and Hospital Chaplaincy: Re-Visioning Spiritual Care, Re-Valuing Institutional Wholeness

Experience of Spiritual Care in Cardiac Rehabilitation: An Interpretative Phenomenological Analysis.

Measures of Central Tendency in Chaplaincy, Health Care, and Related Research

Measures of Variability in Chaplaincy, Health Care, and Related Research

Clinical Audit
Implementing Major Trauma Audit in Ireland

Effects of Performance Feedback Reports on Adherence to Evidence-Based Guidelines in Use of CT for Evaluation of Pulmonary Embolism in the Emergency Department: A Randomized Trial
http://www.ajronline.org/doi/abs/10.2214/AJR.15.14677 (FT - SVHG)

Clinical radiotherapy audits in Belgium, 2011–2014

Evaluating the impact of accreditation and external peer review.
http://dx.doi.org/10.1108/IJHCQA-05-2014-0055 (FT – SVHG)

Colorectal Cancer/Screening
Low-Dose Aspirin or Nonsteroidal Anti-inflammatory Drug Use and Colorectal Cancer Risk: A Population-Based, Case–Control Study

Appropriateness of endoscopic surveillance recommendations in organised colorectal cancer screening programmes based on the faecal immunochemical test
http://gut.bmj.com/content/early/2015/08/21/gutjnl-2015-310139.long (FT - SVHG)
The efficacy and safety of panitumumab in the treatment of patients with metastatic colorectal cancer: a meta-analysis from five randomized controlled trials


Obesity, Aspirin, and Risk of Colorectal Cancer in Carriers of Hereditary Colorectal Cancer: A Prospective Investigation in the CAPP2 Study

http://jco.ascopubs.org/content/early/2015/08/11/JCO.2014.58.9952.abstract?sid=342e3697-ec88-405a-a0d0-7ac72f761506 (FT – SVHG)

Colorectal Cancer Screening, Version 1.2015

http://www.jnccn.org/content/13/8/959.full.pdf+html (FT – UCD)

Impact of Screening Program on Incidence of Colorectal Cancer: A Cohort Study in Italy

http://www.nature.com/aig/journal/vaop/ncurrent/full/aig2015240a.html (FT - SVHG)

Longer Withdrawal Time Is Associated With a Reduced Incidence of Interval Cancer After Screening Colonoscopy


A single-arm phase II trial of combined chemotherapy with S-1, oral leucovorin, and bevacizumab in heavily pre-treated patients with metastatic colorectal cancer

http://www.biomedcentral.com/1471-2407/15/601 (OA)

**Colorectal Nursing**

Is the Use of a Support Bridge Beneficial for Preventing Stomal Retraction After Loop Ileostomy? A Prospective Nonrandomized Study

http://www.ingentaconnect.com/content/wk/won/2015/00000042/00000004/art00010?token=004a1751e76e9175c5f3b3b47465248742544704976422444f582a2f4876753375686f495 (FT)

Patients’ perceptions on the impact of coffee consumption in inflammatory bowel disease: friend or foe? – a patient survey

http://www.nutritionj.com/content/14/1/78 (OA)

Uncertainty and Adaptation Among Adults Living With Incontinent Ostomies

http://www.ingentaconnect.com/content/wk/won/2015/00000042/00000004/art00009?token=004f1b1268ac397a78b7e41225f4038592c4b674c76664662502e576b3427656e3e6a333f25667b (FT)

**Colorectal Surgery**

Salvage surgery after failure of endoscopic balloon dilatation versus surgery first for ileocolonic anastomotic stricture due to recurrent Crohn's disease


The impact of anastomotic leakage on oncologic outcomes and the receipt and timing of adjuvant chemotherapy after colorectal cancer surgery


Comparative Outcomes of Neoadjuvant Treatment Prior to Total Mesorectal Excision and Total Mesorectal Excision Alone in Selected Stage II/III Low and Mid Rectal Cancer


Colorectal stenting for palliation and as a bridge to surgery: A 5-year follow-up study

http://www.wjgnet.com/1007-9327/full/v21/i31/9373.htm (OA)
Measurement of visceral fat on preoperative computed tomography predicts complications after sigmoid colectomy for diverticular disease

Multicentre study of robotic intersphincteric resection for low rectal cancer

Gastrointestinal Cancers With Peritoneal Carcinomatosis: Surgery and Hyperthermic Intraperitoneal Chemotherapy
http://www.cancernetwork.com/oncology-journal/gastrointestinal-cancers-peritoneal-carcinomatosis-surgery-and-hyperthermic-intraperitoneal (OA - registration required)

**Cystic Fibrosis**
Non-invasive ventilation used as an adjunct to airway clearance treatments improves lung function during an acute exacerbation of cystic fibrosis: a randomised trial

A phase 3, open-label, randomized trial to evaluate the safety and efficacy of levofloxacin inhalation solution (APT-1026) versus tobramycin inhalation solution in stable cystic fibrosis patients

Intravenous antibiotics for pulmonary exacerbations in people with cystic fibrosis

Short-chain Fatty Acids Cause an IL-8 Response in Cystic Fibrosis Airways via Increased GPR41

The Evolution of Cystic Fibrosis Care

Repeated nebulisation of non-viral CFTR gene therapy in patients with cystic fibrosis: a randomised, double-blind, placebo-controlled, phase 2b trial

Role of nebulized amphotericin B in the management of allergic bronchopulmonary aspergillosis in cystic fibrosis: Case report and review of literature

Vaccines for preventing infection with Pseudomonas aeruginosa in cystic fibrosis

Mortality Risk and Pulmonary Function in Adults with Cystic Fibrosis at Time of Wait Listing for Lung Transplantation

Nutritional Status Improved in Cystic Fibrosis Patients with the G551D Mutation After Treatment with Ivacaftor

Prevalence of Aspergillus sensitization and allergic bronchopulmonary aspergillosis in cystic fibrosis: systematic review and meta-analysis

Effect of ivacaftor therapy on exhaled nitric oxide in patients with cystic fibrosis

Ivacaftor as salvage therapy in a patient with cystic fibrosis genotype F508del/R117H/IVS8-5T
Effect of ivacaftor treatment in patients with cystic fibrosis and the G551D-CFTR mutation: patient-reported outcomes in the STRIVE randomized, controlled trial
http://www.hqlo.com/content/13/1/93 (OA)

Inhaled therapy in cystic fibrosis: agents, devices and regimens
http://breathe.ersjournals.com/content/11/2/110.full (OA)

Physical exercise training for cystic fibrosis

Dementia
Report of the Irish National Audit of Dementia Care in Acute Hospitals 2014

Temporal course and pathologic basis of unawareness of memory loss in dementia
http://www.neurology.org/content/early/2015/08/26/WNL.0000000000001935.short (FT – SVHG)

Tools to Assess Pain or Lack of Comfort in Dementia: A Content Analysis

Cognitive impairment 18 years before clinical diagnosis of Alzheimer disease dementia
http://www.neurology.org/content/early/2015/06/24/WNL.0000000000001774.long (FT – SVHG)

Cognitive–behavioural therapy for anxiety in dementia: pilot randomised controlled trial
http://bjp.rcpsych.org/content/206/6/509 (FT – SVHG)

An integrative review: understanding driving retirement decisions for individuals living with a dementia

Presymptomatic cognitive and neuroanatomical changes in genetic frontotemporal dementia in the Genetic Frontotemporal dementia Initiative (GENFI) study: a cross-sectional analysis

Impact of the Alzheimer's Disease Neuroimaging Initiative, 2004 to 2014

Dermatology
Early versus delayed post-operative bathing or showering to prevent wound complications

Systematic review of studies investigating the association between dietary habits and cutaneous malignant melanoma

Granuloma Annulare

AGGRESSIVE NONMELANOMATOUS SKIN CANCER OF THE HEAD AND NECK
https://acsearch.acr.org/docs/3091669/Narrative/ (OA)

Nivolumab in the treatment of malignant melanoma: review of the literature
A Phase 2 Trial of Guselkumab versus Adalimumab for Plaque Psoriasis

Granulomatous Rosacea and Periorificial Dermatitis: Controversies and Review of Management and Treatment

Negative pressure wound therapy for treating leg ulcers

The Use of Stem Cells in Burn Wound Healing: A Review
http://www.hindawi.com/journals/bmri/2015/684084/ (OA)

Combined Nivolumab and Ipilimumab or Monotherapy in Untreated Melanoma

Dabrafenib and trametinib versus dabrafenib and placebo for Val600 BRAF-mutant melanoma: a multicentre, double-blind, phase 3 randomised controlled trial

Review of meta-analyses of vancomycin compared with new treatments for Gram-positive skin and soft-tissue infections: Are we any clearer?

Patient safety in dermatologic surgery: Part I. Safety related to surgical procedures

Pruritus in Systemic Diseases: A Review of Etiological Factors and New Treatment Modalities
http://www.hindawi.com/journals/tswj/2015/803752/ (OA)

The Use of Biologic Scaffolds in the Treatment of Chronic Nonhealing Wounds
http://www.ncbi.nlm.nih.gov/pmc/articles/PMC4505760/ (OA)

Immunological events in chronic spontaneous urticaria
http://www.ctajournal.com/content/5/1/30 (OA)

**Diabetes & Endocrinology**

Type 1 diabetes in adults: diagnosis and management
http://www.nice.org.uk/guidance/ng17 (OA)

Effects of an eight-week supervised, structured lifestyle modification programme on anthropometric, metabolic and cardiovascular risk factors in severely obese adults
http://www.lenus.ie/hse/handle/10147/570931 (OA)

Gestational Diabetes Mellitus Can Be Prevented by Lifestyle Intervention: The Finnish Gestational Diabetes Prevention Study (RADIEL). A Randomized Controlled Trial
http://care.diabetesjournals.org/content/early/2015/07/08/dc15-0511.abstract (FT - SVHG)

Inhaled Technosphere Insulin Compared With Injected Prandial Insulin in Type 1 Diabetes: A Randomized 24-Week Trial
http://care.diabetesjournals.org/content/early/2015/07/08/dc15-0075.abstract (FT - SVHG)

Use of Antibiotics and Risk of Type 2 Diabetes: A Population-Based Case-Control Study
http://press.endocrine.org/doi/10.1210/jc.2015-2696 (OA)

Effects of Evening vs Morning Levothyroxine Intake. A Randomized Double-blind Crossover Trial
Coronary artery bypass grafting in diabetics: A growing health care cost crisis

Total or near-total thyroidectomy versus subtotal thyroidectomy for multinodular non-toxic goitre in adults

The 1-h oral glucose tolerance test glucose and insulin values are associated with markers of clinical deterioration in cystic fibrosis

Minireview: Fibroblast Growth Factor 23 in Phosphate Homeostasis and Bone Metabolism

Recommendations for post-surgical thyroid ablation in differentiated thyroid cancer: a 2015 position statement of the Italian Society of Endocrinology
http://link.springer.com/article/10.1007%2Fs40618-015-0375-7 (OA)

Update on prolactinomas. Part 1: Clinical manifestations and diagnostic challenges

Update on prolactinomas. Part 2: Treatment and management strategies

Hypothalamic–pituitary sarcoidosis with vision loss and hypopituitarism: case series and literature review

Is the endocrine research pipeline broken? A systematic evaluation of the Endocrine Society clinical practice guidelines and trial registration
http://www.biomedcentral.com/1741-7015/13/187 (OA)

Human recombinant follicle stimulating hormone (rFSH) compared to urinary human menopausal gonadotropin (HMG) for ovarian stimulation in assisted reproduction: a literature review and cost evaluation
http://link.springer.com/article/10.1007%2Fs40618-014-0204-4 (OA)

Extra virgin olive oil use is associated with improved post-prandial blood glucose and LDL cholesterol in healthy subjects
http://www.nature.com/nutd/journal/v5/n7/full/nutd201523a.html (OA)

Dietetics & Nutrition
Evidence from randomised controlled trials did not support the introduction of dietary fat guidelines in 1977 and 1983: a systematic review and meta-analysis
http://openheart.bmj.com/content/2/1/e000196.full.pdf+html (OA)

Nutritional Status Improved in Cystic Fibrosis Patients with the G551D Mutation After Treatment with Ivacaftor

Nutrition Management of Cystic Fibrosis in the 21st Century
http://ncp.sagepub.com/content/30/4/488.long (OA)

Carbohydrate intake and insulin requirement in children, adolescents and young adults with cystic fibrosis-related diabetes: A multicenter comparison to type 1 diabetes

Malnutrition and cachexia in patients with head and neck cancer treated with (chemo)radiotherapy
**Documentation**
Readability of patient discharge instructions with and without the use of electronically available disease-specific templates
http://jamia.oxfordjournals.org/content/22/4/857

Improving the Informed Consent Conversation: A Standardized Checklist that Is Patient Centered, Quality Driven, and Legally Sound

Do surgeons and patients discuss what they document on consent forms?

**Dysphagia**
Gastric-Esophageal Stenting for Malignant Dysphagia: Results of Prospective Clinical Trial Evaluation of Long-Term Gastroesophageal Reflux and Quality of Life-Related Symptoms

Dysphagia in head and neck cancer patients treated with radiotherapy and systemic therapies: Literature review and consensus

Approach to The Patient with Dysphagia

Epidemiology, Diagnosis, and Management of Esophageal Adenocarcinoma

**Elderly Care**
Multiple pathologies are common and related to dementia in the oldest-old: The 90+ Study
http://www.neurology.org/content/85/6/535.long

Efficacy and Harms of Direct Oral Anticoagulants in the Elderly for Stroke Prevention in Atrial Fibrillation and Secondary Prevention of Venous Thromboembolism: Systematic Review and Meta-Analysis
http://circ.ahajournals.org/content/132/3/194.long

Readiness for Hospital Discharge Scale for older people: psychometric testing and short form development with a three country sample

**Emergency Medicine**
The use of age-related D-dimers to rule out deep vein thrombosis
http://bestbets.org/bets/bet.php?id=2645

Hospital-Based Violence Prevention: Progress and Opportunities

Do patients with a clinically suspected subsegmental pulmonary embolism need anticoagulation therapy?
http://bestbets.org/bets/bet.php?id=2768

The use of propofol for procedural sedation in emergency departments
Effects of Performance Feedback Reports on Adherence to Evidence-Based Guidelines in Use of CT for Evaluation of Pulmonary Embolism in the Emergency Department: A Randomized Trial
http://www.ajronline.org/doi/abs/10.2214/AJR.15.14677 (FT - SVHG)

Statement of the Third International Exercise-Associated Hyponatremia Consensus Development Conference, Carlsbad, California, 2015
http://journals.lww.com/cjsportsmed/Fulltext/2015/07000/Statement_of_the_%20Third_International_2.aspx (OA)

**ENT**
Antibiotics for preventing recurrent sore throat

Renal function and ear, nose, throat involvement in anti-neutrophil cytoplasmic antibody-associated vasculitis: prospective data from the European Vasculitis Society clinical trials
http://rheumatology.oxfordjournals.org/content/54/5/899.long (OA)

A systematic review on external ear melanoma

Recent advances in local drug delivery to the inner ear

**Epilepsy**
Pharmacological treatments for preventing epilepsy following traumatic head injury

Neuropsychological and psychological interventions for people with newly diagnosed epilepsy

**Ethics**
Will the trilogue on the EU Data Protection Regulation recognise the importance of health research?
http://eurpub.oxfordjournals.org/content/early/2015/08/09/eurpub.ckv149.long (OA)

Developing a Research Agenda on Ethical Issues Related to Using Social Media in Healthcare Lessons from the First Dutch Twitter Heart Operation
http://journals.cambridge.org/action/displayAbstract?fromPage=online&aid=9743160&fileId=S0963180114000619 (FT)

Improving the Informed Consent Conversation: A Standardized Checklist that Is Patient Centered, Quality Driven, and Legally Sound

The main indicators for Iranian hospital ethical accreditation
http://www.ncbi.nlm.nih.gov/pmc/articles/PMC4530002/ (OA)

**Evidence Based Practice/Research**
Stepped wedge randomised controlled trials: systematic review of studies published between 2010 and 2014
http://www.trialsjournal.com/content/16/1/353?utm_content=buffer06cd4&utm_medium=social&utm_source=twitter.com&utm_campaign=buffer (OA)

Alternatives to Hazard Ratios for Comparing the Efficacy or Safety of Therapies in Noninferiority Studies
Characteristics of Clinical Studies Conducted Over the Total Product Life Cycle of High-Risk Therapeutic Medical Devices Receiving FDA Premarket Approval in 2010 and 2011

How well do health professionals interpret diagnostic information? A systematic review
http://bmjopen.bmj.com/content/5/7/e008155.long (OA)

Challenges in Conducting EPC Reviews of Behavior Change Interventions

**Gastroenterology**
ACG Clinical Guideline: Diagnosis and Management of Small Bowel Bleeding
http://www.nature.com/ajg/journal/vaop/ncurrent/full/ajg2015246a.html (FT - SVHG)

Porphyrias: A 2015 update

**Gastroenterology – Surgery**
Long-Term Survival with Long-Acting Somatostatin Analogues Plus Aggressive Cytoreductive Surgery in Patients with Metastatic Neuroendocrine Carcinoma

**Haematology**
Structure-Guided Blockade of CSF1R Kinase in Tenosynovial Giant-Cell Tumor

Haematological cancer and quality of life: a systematic literature review
http://www.ncbi.nlm.nih.gov/pmc/articles/PMC4450328/ (OA)

Kidney diseases associated with haematological cancers
http://www.nature.com/nrneph/journal/v11/n8/full/nrneph.2015.81.html (FT)

**Head and Neck Cancer**
French Society of ENT (SFORL) guidelines for care pathway organization in head and neck oncology (short version). Early management of head and neck cancer

AGGRESSIVE NONMELANOMATOUS SKIN CANCER OF THE HEAD AND NECK
https://acsearch.acr.org/docs/3091669/Narrative/ (OA)

**Hepatology**
Liver transplantation for hepatocellular carcinoma: outcomes and treatment options for recurrence
http://www.ncbi.nlm.nih.gov/pmc/articles/PMC4480168/ (OA)

Recommendations for Diagnosis, Referral for Liver Biopsy, and Treatment of Nonalcoholic Fatty Liver Disease and Nonalcoholic Steatohepatitis
Nonalcoholic Fatty Liver Disease Review: Diagnosis, Treatment, and Outcomes

Alcohol liver disease: A review of current therapeutic approaches to achieve long-term abstinence

Association of Nonalcoholic Fatty Liver Disease with Subclinical Cardiovascular Changes: A Systematic Review and Meta-Analysis
http://www.hindawi.com/journals/bmri/2015/213737/ (OA)

Relevance of ADAMTS13 to liver transplantation and surgery

Effects of probiotics (cultured Lactobacillus subtilis/Streptococcus faecium) in the treatment of alcoholic hepatitis: randomized-controlled multicenter study.

**Hospital/Healthcare Management**

Pooled Open Blocks Shorten Wait Times for Nonelective Surgical Cases.

STAAR: improving the reliability of care coordination and reducing hospital readmissions in an academic medical centre
http://www.ncbi.nlm.nih.gov/pmc/articles/PMC4515994/ (OA)

Knowledge exchange in health-care commissioning: case studies of the use of commercial, not-for-profit and public sector agencies, 2011–14 (UK)

**IBD**

Selecting Therapeutic Targets in Inflammatory Bowel Disease (STRIDE): Determining Therapeutic Goals for Treat-to-Target
http://www.nature.com/aig/journal/vaop/ncurrent/full/aig2015233a.html (FT - SVHG)

EUROPEAN EVIDENCE-BASED CONSENSUS: INFLAMMATORY BOWEL DISEASE AND MALIGNANCIES
http://ecco-jcc.oxfordjournals.org/content/eccojc/early/2015/08/20/ecco-jcc.jjv141.full.pdf (FT - UCD)

The gut microbiota and inflammatory bowel disease

Where are we heading to in pharmacological IBD therapy?

Efficacy of Vedolizumab as Induction Therapy in Refractory IBD Patients: A Multicenter Cohort.

Trends in the Surgical Management of Crohn’s Disease
ICT
Readability of patient discharge instructions with and without the use of electronically available disease-specific templates
http://jamia.oxfordjournals.org/content/22/4/857 (FT)

The Association between eHealth Capabilities and the Quality and Safety of Health Care in the Netherlands: Comparison of HIMSS Analytics EMRAM data with Elsevier’s ‘The Best Hospitals’ data
http://link.springer.com/article/10.1007%2Fs10916-015-0274-7 (OA)

Will the trilogue on the EU Data Protection Regulation recognise the importance of health research?
http://eurpub.oxfordjournals.org/content/early/2015/08/09/eurpub.ckv149.long (OA)

Developing a Research Agenda on Ethical Issues Related to Using Social Media in Healthcare Lessons from the First Dutch Twitter Heart Operation
http://journals.cambridge.org/action/displayAbstract?fromPage=online&aid=9743160&fileId=S0963180114000619 (FT)

Impact of Healthcare Information Technology on Nursing Practice

ICU
Pharmacologic prevention and treatment of delirium in intensive care patients: A systematic review

A systematic review of extravasation and local tissue injury from administration of vasopressors through peripheral intravenous catheters and central venous catheters

Impact of Healthcare Information Technology on Nursing Practice
http://journals.cambridge.org/action/displayAbstract?fromPage=online&aid=9743160&fileId=S0963180114000619 (FT)

Impact of Healthcare Information Technology on Nursing Practice
http://journals.cambridge.org/action/displayAbstract?fromPage=online&aid=9743160&fileId=S0963180114000619 (FT – UCD)

Infection Control
Environmental Cleaning for the Prevention of Healthcare-Associated Infections (HAI)
http://www.effectivehealthcare.ahrq.gov/index.cfm/search-for-guides-reviews-and-reports/?pageaction=displayproduct&productid=2103 (OA)

Comparative efficacy of interventions to promote hand hygiene in hospital: systematic review and network meta-analysis
http://www.bmj.com/content/351/bmj.h3728.long (FT - SVHG)

An Essential Role for Coagulase in Staphylococcus aureus Biofilm Development Reveals New Therapeutic Possibilities for Device-Related Infections
http://jid.oxfordjournals.org/content/early/2015/07/02/infdis.jiv319.full.pdf+html?sid=4f1b22a4-36dc-45cb-95ea-2551a4f9833a (OA)

Gloves, gowns and masks for reducing the transmission of meticillin-resistant Staphylococcus aureus (MRSA) in the hospital setting

Reasons Why Physicians and Advanced Practice Clinicians Work While Sick: A Mixed-Methods Analysis
Outpatient parenteral antimicrobial therapy (OPAT) in patients with cystic fibrosis
http://www.ncbi.nlm.nih.gov/pmc/articles/PMC4515313/ (OA)

Septic Shock: Advances in Diagnosis and Treatment

Vaspressors for septic shock (Surviving Sepsis Guidelines)

Infectious Diseases
Initiation of Antiretroviral Therapy in Early Asymptomatic HIV Infection

Hospital Resource Utilization and Patient Outcomes Associated with Respiratory Viral Testing in Hospitalized Patients
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Kidney Disease/Nephrology
Interventions for dialysis patients with hepatitis C virus (HCV) infection

Cost-effectiveness of kidney transplantation compared with chronic dialysis in end-stage renal disease
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Presence of multiple recurrent mutations revealed by targeted NGS confers poor trial outcome of relapsed/refractory CLL

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**Lung Cancer**
CapriniVenous Thromboembolism Risk Assessment Permits Selection for Post-Discharge Prophylactic Anticoagulation in Patients with Resectable Lung Cancer

The National Surgical Quality Improvement Program (NSQIP) Risk Calculator Does Not Adequately Stratify Risk for Clinical Stage I Non-Small Cell Lung Cancer Patients

**Medical Physics**
A Double-Blind, Randomized, Sham-Controlled Trial of the Effect of a Radiation-Attenuating Drape on Radiation Exposure to Endoscopy Staff during ERCP
http://www.nature.com/ajg/journal/v110/n5/full/ajg201585a.html (FT - SVHG)

Evaluation of diffusion models in breast cancer
http://scitation.aip.org/content/aapm/journal/medphys/42/8/10.1118/1.4927255 (FT - UCD)

AutoLock: a semiautomated system for radiotherapy treatment plan quality control

Medical Physics Practice Guideline 4.a: Development, implementation, use and maintenance of safety checklists

Noise reduction for curve-linear structures in real time fluoroscopy applications using directional binary masks
http://scitation.aip.org/content/aapm/journal/medphys/42/8/10.1118/1.4924266 (FT - UCD)

A two-step optimization approach for nonlocal total variation-based Rician noise reduction in magnetic resonance images
http://scitation.aip.org/content/aapm/journal/medphys/42/9/10.1118/1.4927793 (FT - UCD)

Assessment of the Radiation Effects of Cardiac CT Angiography Using Protein and Genetic Biomarkers

A review of recent advances in optical fibre sensors for in vivo dosimetry during radiotherapy

**Multiple Sclerosis**
Altered signaling for mitochondrial and myofibrillar biogenesis in skeletal muscles of patients with multiple sclerosis

The Chalder Fatigue Questionnaire is a valid and reliable measure of perceived fatigue severity in multiple sclerosis
http://msj.sagepub.com/content/early/2015/07/31/1352458515598019.long (OA)

Efficacy of A Telephone-Delivered Self-Management Intervention For Persons With Multiple Sclerosis: a Randomized Controlled Trial With a One-Year Follow-Up

Retinopathy during interferon-β treatment for multiple sclerosis: case report and review of the literature

Development of interferon beta-neutralising antibodies in multiple sclerosis—a systematic review and meta-analysis
Agreement Between Physician's Recommendation and Fitness-to-Drive Decision in Multiple Sclerosis

**Neurology**

Movement disorders emergencies (review)
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Polyphenon E, non-futile at neuroprotection in multiple sclerosis but unpredictably hepatotoxic: Phase I single group and phase II randomized placebo-controlled studies

Patient factors associated with 30-day morbidity, mortality, and length of stay after surgery for subdural hematoma: a study of the American College of Surgeons National Surgical Quality Improvement Program
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**Nursing (General)**

Recognizing and managing a deteriorating patient: a randomized controlled trial investigating the effectiveness of clinical simulation in improving clinical performance in undergraduate nursing students

Perioperative Nursing Leaders Implement Clinical Practice Guidelines Using the Iowa Model of Evidence-Based Practice

Readiness for Hospital Discharge Scale for older people: psychometric testing and short form development with a three country sample

Use of spirometry in the diagnosis of chronic obstructive pulmonary disease

New RCN guidance on advanced preparation of insulin syringes

Music and communication in the operating theatre
http://onlinelibrary.wiley.com/doi/10.1111/jan.12744/abstract;jsessionid=1B06F34EF790A41B9ADA5438B9FFA64A_f03t01 (FT – Irl)

**Obstetrics/Gynaecology**

Update on prolactinomas. Part 1: Clinical manifestations and diagnostic challenges

Update on prolactinomas. Part 2: Treatment and management strategies

Surgical approach to hysterectomy for benign gynaecological disease

Hyperprolactinemia: pathophysiology and therapeutic approach
Human recombinant follicle stimulating hormone (rFSH) compared to urinary human menopausal gonadotropin (HMG) for ovarian stimulation in assisted reproduction: a literature review and cost evaluation
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**Occupational Health**

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Reasons Why Physicians and Advanced Practice Clinicians Work While Sick: A Mixed-Methods Analysis

Workplace policy and management practices to improve the health and wellbeing of employees. NICE guidelines
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Workplace health: policy and management practices overview

**Occupational Therapy**

Managing long-term sickness and incapacity for work overview

Work-related problems in multiple sclerosis: a literature review on its associates and determinants

**Ophthalmology**

Corticosteroids for treating optic neuritis

A Proposed Minimum Standard Set of Outcome Measures for Cataract Surgery

Combined surgery versus cataract surgery alone for eyes with cataract and glaucoma

**Orthopaedics**

Early Versus Delayed Passive Range of Motion after Rotator Cuff Repair. A Systematic Review and Meta-analysis.
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A History of Treated Periprosthetic Joint Infection Increases the Risk of Subsequent Different Site Infection

**Palliative Care**

Interdisciplinary Palliative Care for Patients with Lung Cancer
**Pancreatic Diseases**

Early National Experience with Laparoscopic Pancreaticoduodenectomy for Ductal Adenocarcinoma: A Comparison of Laparoscopic Pancreaticoduodenectomy and Open Pancreaticoduodenectomy from the National Cancer Data Base

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Use of neoadjuvant therapy in patients 75 years of age and older with pancreatic cancer

Metal or plastic stents for preoperative biliary drainage in resectable pancreatic cancer
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Treadmill training for patients with Parkinson's disease

Cholinesterase inhibitors for Parkinson's disease: a systematic review and meta-analysis
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Magnetic resonance techniques applied to the diagnosis and treatment of Parkinson’s disease
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Effect of Creatine Monohydrate on Clinical Progression in Patients with Parkinson Disease. A Randomized Clinical Trial

Antidepressive treatments for Parkinson's disease: A systematic review and meta-analysis

New Clinical Subtypes of Parkinson Disease and Their Longitudinal Progression: A Prospective Cohort Comparison with Other Phenotypes

Theory of mind in Parkinson’s disease: A meta-analysis

Collective physician perspectives on non-oral medication approaches for the management of clinically relevant unresolved issues in Parkinson's disease: Consensus from an international survey and discussion program

**Pathology**

Regional Isolation Drives Bacterial Diversification within Cystic Fibrosis Lungs
Deleterious versus protective autoimmunity in multiple sclerosis

Pathophysiology of L-dopa-induced motor and non-motor complications in Parkinson's disease

**Patient Experience**
The patient experience of intensive care: A meta-synthesis of Nordic studies

Engaging Patients in Communication at Transitions of Care: Final Report. Report prepared for the Australian Commission on Safety and Quality in Health Care by a consortium from Deakin and Griffith Universities


Association Between Acute Medical Exacerbations and Consuming or Producing Web-Based Health Information: Analysis From Pew Survey Data
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**Pharmacology**
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Clinical pharmacist review: A randomised controlled trial

Impact of a Clinical Pharmacy Specialist in an Emergency Department for Seniors

A stewardship intervention program for safe medication management and use of antidiabetic drugs
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The effect of early in-hospital medication review on health outcomes: a systematic review

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An Evaluation of Health Service Impacts Consequent to Switching from Brand to Generic Venlafaxine in New Zealand under Conditions of Price Neutrality

Medication histories by pharmacy technicians and physicians in an emergency department
Seven steps to managing polypharmacy

Cost of Treating Venous Thromboembolism With Heparin and Warfarin Versus Home Treatment With Rivaroxaban

Dispensing inhalers to patients with chronic obstructive pulmonary disease on hospital discharge: Effects on prescription filling and readmission.

Medication Reconciliation Practices in Canadian Emergency Departments: A National Survey


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Sublingual immunotherapy for asthma

Repatha, Amgen's PCSK9 Competitor, Gains FDA Approval

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Dysrhythmia of timed movements in Parkinson's disease and freezing of gait

Inspiratory muscle training facilitates weaning from mechanical ventilation among patients in the intensive care unit: a systematic review

Physical activity and exercise training in multiple sclerosis: a review and content analysis of qualitative research identifying perceived determinants and consequences
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Physical activity assessment in cystic fibrosis: A position statement

A comparison of respiratory and peripheral muscle strength, functional exercise capacity, activities of daily living and physical fitness in patients with cystic fibrosis and healthy subjects

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Preventive Medicine
Protective Effects of Physical Exercise in Alzheimer’s Disease and Parkinson’s Disease: A Narrative Review

Health impact assessment of active transportation: A systematic review

Psychosocial interventions for smoking cessation in patients with coronary heart disease

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Differences in Treatment and Outcome After Treatment with Curative Intent in the Screening and Control Arms of the ERSPC Rotterdam

Cancer of the prostate: ESMO Clinical Practice Guidelines for diagnosis, treatment and follow-up
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Psychiatry
Prevalence of Symptoms of Depression and Anxiety in Adults with Cystic Fibrosis Based on the PHQ-9 and GAD-7 Screening Questionnaires

Pharmacological treatment for psychotic depression

Voxel-based morphometry for separation of schizophrenia from other types of psychosis in first episode psychosis

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The role of social support on the relationship of depressive symptoms to medication adherence and self-care activities in adults with type 2 diabetes

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A guide to quality improvement methods (HQIP: Healthcare Quality Improvement Partnership)

Outcomes of Daytime Procedures Performed by Attending Surgeons after Night Work

ENGAGING PATIENTS IN COMMUNICATION AT TRANSITIONS OF CARE: Final Report.
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Radiology Department Preparedness for the Management of Severe Acute Iodinated Contrast Reactions: Do We Need to Change Our Approach?

Radiotherapy
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Effect of Early Rehabilitation during Intensive Care Unit Stay on Functional Status: Systematic Review and Meta-Analysis
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Custom-Made Finger Orthoses Have Fewer Skin Complications Than Prefabricated Finger Orthoses in the Management of Mallet Injury: A Systematic Review and Meta-Analysis

Effects of Tai Chi and Multimodal Exercise Training on Movement and Balance Function in Mild to Moderate Idiopathic Parkinson Disease

Specific brain lesions impair explicit motor imagery ability: a systematic review of the evidence

Goal setting and strategies to enhance goal pursuit for adults with acquired disability participating in rehabilitation

**Respiratory/Pulmonary Diseases**

Corticosteroid Therapy for Patients Hospitalized With Community-Acquired Pneumonia: A Systematic Review and Meta-analysis

Long-acting muscarinic antagonists (LAMA) added to inhaled corticosteroids (ICS) versus higher dose ICS for adults with asthma

Interventions for bronchiectasis: an overview of Cochrane systematic reviews

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From Organizational Awareness to Organizational Competency in Health Care Social Work: The Importance of Formulating a “Profession-in-Environment” Fit

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Social Work Intervention Research With Adult Cancer Patients: A Literature Review and Reflection on Knowledge-Building for Practice

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Transplantation
A rapid, reproducible, noninvasive predictor of liver graft survival

The current challenges for pancreas transplantation for diabetes mellitus

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Addiction specialist’s role in liver transplantation procedures for alcoholic liver disease

Risk Factors for Type 1 Diabetes Recurrence in Immunosuppressed Recipients of Simultaneous Pancreas–Kidney Transplants

Changes in Surgical Site Infections after Living Donor Liver Transplantation
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