What’s New?

January 2020

Clinical Edition

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Mid Yorkshire Hospitals NHS Trust
Policy & Guidance

National Institute for Health and Care Excellence

NICE guidelines
Acute kidney injury: prevention, detection and management

Quality standards
Lung cancer in adults  Published date: March 2012 UPDATE

Medtech innovation briefings
Optowire for measuring fractional flow reserve
PIUR tUS for abdominal aortic aneurysm surveillance and endovascular aneurysm repair endoleak detection
LQD Spray for treating acute and chronic wounds
PulmoVista 500 for monitoring ventilation in critical care
eXroid for internal haemorrhoids

Medical technologies guidance
gammaCore for cluster headache

Technology appraisal guidance
Cannabidiol with clobazam for treating seizures associated with Dravet syndrome
Cannabidiol with clobazam for treating seizures associated with Lennox–Gastaut syndrome
Evidence summary

**Antimicrobial prescribing: ceftolozane with tazobactam for treating hospital-acquired pneumonia, including ventilator-associated pneumonia**

**Interventional procedures guidance**

**Balloon dilation for chronic eustachian tube dysfunction**

**NICE Shared Learning – Case Studies**

**Adoption of high-sensitivity cardiac troponin for early rule out of NSTEMI at Belfast Health and Social Care Trust**

**Adoption of HeartFlow in Royal United Hospitals Bath NHS Foundation Trust**

**End of Life Care Rapid Transport Service**

**Developing and implementing Peristeen Transanal Irrigation pathway for spinal injury inpatients - auditing against NICE MTG36**

**NHS England**

**DNA testing on the NHS to fast track diagnosis for critically ill babies and children**

The NHS in England is providing a new form of DNA test capable of rapidly diagnosing rare diseases for critically ill babies and children, as part of its Long Term Plan to use world leading technologies to improve care for the sickest infants. 80 babies and children have received this new test, with almost half being given a diagnosis for their rare disease. The technique, known as ‘whole exome sequencing’, doubles the chance of a diagnosis and can reveal what is wrong with patients in days rather than weeks, reducing waits for worried families.

**Guidance to clinicians: The process for prescribing Cannabis-based products for medicinal use**

This letter highlights some new resources to help clarify the process for prescribing Cannabis-based products for medicinal use.

**Psychological professions vision for England 2019-24**

The purpose of this document is to maximise the collective impact of the psychological professions to deliver the objectives of the NHS Long Term Plan. It has been developed by
the Psychological Professions Workforce Group at NHS England and NHS Improvement and Health Education England.

**Establishment Compact: Learning Health Care System for Radiotherapy Services in England**

**Maternal intravenous immunoglobulin for the prevention of allo-immune fetal and neonatal haemochromatosis**

NHS England will commission maternal intravenous immunoglobulin (IVIg) for the prevention of allo-immune fetal and neonatal haemochromatosis in accordance with the criteria outlined in this policy.

**Public Health England**

**Pneumococcal vaccination programme**
Documents relating to the pneumococcal vaccination programme for infants.

**Immunisations: applying All Our Health**
Evidence and guidance to enable health and care professionals to promote the benefits of immunisation.

**NHS Improvement**

**GIRFT ophthalmology national report**
The ophthalmology national report from the Getting It Right First Time (GIRFT) programme features 22 recommendations to improve units treating the major sight-threatening conditions, including cataract, glaucoma, wet age-related macular degeneration (wet AMD) and diabetic retinopathy.

**Advisory Council on the Misuse of Drugs**

**Misuse of fentanyl and fentanyl analogues**
This report advises government on the number and nature of known fentanyl analogues, risk factors, pharmacology, toxic effects and misuse and associated harms

**Cannabis-based products for medicinal use: assessing the impact**
A framework for the assessment of the impact of rescheduling cannabis-based products for medicinal use (CBPMs)
Education

Health Education England – eLearning
Enrolment for level 3 safeguarding adults free online course is live. The course lasts for three weeks with weekly study time of one hour.

Professional Organisations

General Pharmaceutical Council

New guide explains what people can expect when visiting a pharmacy
This online guide for patients summarises the standards that registered pharmacies and pharmacy professionals have to meet, and what these standards mean for people using pharmacies.

GPhC survey of registered pharmacy professionals 2019
The GPhC commissioned Enventure Research, an independent research organisation, to carry out the survey over summer 2019. Over 18,000 registered pharmacy professionals (23% of professionals on the register) responded to the online survey.

The findings provide useful insights into pharmacy professionals’ work, training, professional practice and future plans. They also include comparisons with the findings from the last major survey of pharmacy professionals carried out in 2013, to show how the pharmacy professions have changed in the last six years.

Royal College of Paediatrics and Child Health

National Neonatal Audit Programme Annual Report 2018 - on 2017 data
This report highlights the key findings and recommendations from the analysis of the data provided by neonatal units on the admissions of babies for neonatal care in England, Scotland and Wales in 2017.

Royal College of Physicians

National Hip Fracture Database (NHFD) annual report 2019
The annual report demonstrates that mortality has continued to improve with 564 fewer patients dying in 2018 than 2017. However, increased numbers of hip fractures in winter
months contribute to increased mortality at a time of increased pressure on trauma services.

Royal College of Radiologists

Strategic Priorities

Royal College of Surgeons

National Vascular Registry: 2019 annual report
Contains comparative information on five major interventions for vascular disease:

- Lower limb bypass
- Lower limb angioplasty/stenting
- Major lower limb amputation
- Carotid endarterectomy
- Repair of aortic aneurysms, including elective infra-renal, ruptured infra-renal, and more complex aneurysms

Royal Pharmaceutical Society

A Competency Framework for Designated Prescribing Practitioners
Regulatory changes in 2019 mean that experienced non-medical prescribers of any professional background can become responsible for a trainee prescriber’s period of learning in practice in a similar way to Designated Medical Practitioners (DMP). To help train safe and effective independent prescribers RPS has worked with multi-disciplinary experts to develop and publish this competency framework.

Other Organisations

Council for Allied Health Professions in Research

Shaping Better Practice Through Research: A Practitioner Framework
Describes the knowledge and skills required of allied health professionals working in research from basic competency to advanced and research leadership levels.

Office for National Statistics

Alcohol-specific deaths in the UK: registered in 2018
Deaths caused by diseases known to be a direct consequence of alcohol misuse by sex, age and region.

**MBRRACE-UK**

*Saving Lives, Improving Mothers’ Care: Lessons learned to inform maternity care from the UK and Ireland Confidential Enquiries into Maternal Deaths and Morbidity 2015-17*

This report, the sixth MBRRACE-UK annual report of the Confidential Enquiry into Maternal Deaths and Morbidity, includes surveillance data on women who died during or up to one year after pregnancy between 2015 and 2017 in the UK. In addition, it also includes Confidential Enquiries into the care of women who died between 2015 and 2017 in the UK and Ireland from cardiovascular causes, hypertensive disorders, early pregnancy conditions and accidents. The report also includes a Morbidity Confidential Enquiry into the care of women with newly diagnosed breast cancer.

**Reviews & Research**

**Cochrane Systematic Reviews**

**EDITORIAL**

*Cochrane Sustainable Healthcare: evidence for action on too much medicine*

**METHODODOLOGY**

*Monitoring strategies for clinical intervention studies*

**REVIEWS**

**Anaesthesia**

- Transient neurological symptoms (TNS) following spinal anaesthesia with lidocaine versus other local anaesthetics in adult surgical patients: a network meta-analysis

**Cardiology**

- Transcatheter aortic valve implantation versus surgical aortic valve replacement for severe aortic stenosis in people with low surgical risk
- Beta-blockers for suspected or diagnosed acute myocardial infarction
- Periodontal therapy for primary or secondary prevention of cardiovascular disease in people with periodontitis
- **Non-vitamin K antagonist oral anticoagulants (NOACs) post-percutaneous coronary intervention**: a network meta-analysis
- **Endovascular versus open repair of asymptomatic popliteal artery aneurysm**

**Communicable Diseases**
- **Sequential inactivated (IPV) and live oral (OPV) poliovirus vaccines for preventing poliomyelitis**
- **Equivalent schedules of intradermal fractional dose versus intramuscular full dose of inactivated polio vaccine for prevention of poliomyelitis**

**Dementia**
- **Addenbrooke’s Cognitive Examination III (ACE-III) and mini-ACE for the detection of dementia and mild cognitive impairment**

**Endocrinology**
- **Metformin for prevention or delay of type 2 diabetes mellitus and its associated complications in persons at increased risk for the development of type 2 diabetes mellitus**

**Gastroenterology**
- **Anti-IL-12/23p40 antibodies for maintenance of remission in Crohn’s disease**

**Gynaecology**
- **Laparoscopic colposuspension for urinary incontinence in women**
- **Metformin for ovulation induction (excluding gonadotrophins) in women with polycystic ovary syndrome**

**Haematology**
- **Iron therapy for preoperative anaemia**
- **Treatment for avascular necrosis of bone in people with sickle cell disease**

**Immune System**
- **Corticosteroids for treating sepsis in children and adults**

**Learning Disability**
- **Beginning reading interventions for children and adolescents with intellectual disability**
Mental Health

- Modafinil for people with schizophrenia or related disorders
- Psychosocial interventions for people with both severe mental illness and substance misuse
- Treatments for primary delusional infestation
- Couple and family therapies for post-traumatic stress disorder (PTSD)
- Pharmacological interventions for treatment-resistant depression in adults
- Pharmacy-based management for depression in adults

Musculoskeletal

- Surgery for rotator cuff tears
- Strength training and aerobic exercise training for muscle disease

Nephrology

- Psychosocial interventions for preventing and treating depression in dialysis patients
- Target of rapamycin inhibitors (TOR-I; sirolimus and everolimus) for primary immunosuppression in kidney transplant recipients

Neurology

- Losigamone add-on therapy for focal epilepsy
- Drug treatment for spinal muscular atrophy type I
- Intravenous immunoglobulins for epilepsy
- Decompressive craniectomy for the treatment of high intracranial pressure in closed traumatic brain injury
- Hypertonic saline versus other intracranial pressure–lowering agents for people with acute traumatic brain injury
- Interval brain imaging for adults with cerebral glioma

Neuromuscular

- Cell-based therapies for amyotrophic lateral sclerosis/motor neuron disease

Nutrition

- Intravenous iron therapy for non-anaemic, iron-deficient adults
• **Food fortification** with **multiple micronutrients**: impact on health outcomes in general population

**Oncology**

• Management of drainage for malignant ascites in **gynaecological cancer**

**Ophthalmology**

• Pars plana vitrectomy combined with scleral buckle versus pars plana vitrectomy for **giant retinal tear**
• Omega-3 and omega-6 polyunsaturated fatty acids for **dry eye disease**
• Toric intraocular lens versus limbal relaxing incisions for **corneal astigmatism** after phacoemulsification

**Oral Health**

• Interventions for managing **halitosis**

**Paediatrics**

• Parent training programmes for managing **infantile colic**
• Intermittent preventive treatment for **malaria in infants**
• Racecadotril for **acute diarrhoea in children**
• Tonsillectomy for **periodic fever, aphthous stomatitis, pharyngitis and cervical adenitis syndrome (PFAPA)**

**Pharmacology**

• Community pharmacy interventions for health promotion: effects on professional practice and health outcomes

**Respiratory**

• Shortened treatment regimens versus the standard regimen for **drug-sensitive pulmonary tuberculosis**
• Treatments for preventing recurrence of infection with *Pseudomonas aeruginosa* in people with **cystic fibrosis**

**Sleep Disorders**

• Positive airway pressure therapy for the treatment of **central sleep apnoea** associated with **heart failure**
• Pressure modification or humidification for improving usage of continuous positive airway pressure machines in adults with obstructive sleep apnoea

Substance Abuse
• Interventions for female drug‐using offenders

Urology
• Bipolar versus monopolar transurethral resection of the prostate for lower urinary tract symptoms secondary to benign prostatic obstruction

Wound Care
• Primary closure versus delayed or no closure for traumatic wounds due to mammalian bite

PROTOCOLS
Cardiology
• Extracorporeal shockwave therapy for peripheral arterial disease
• Effect of phosphodiesterase 5 inhibitors on blood pressure
• Interrupted versus uninterrupted anticoagulation therapy for catheter ablation in adults with arrhythmias
• Vegan dietary pattern for the primary and secondary prevention of cardiovascular diseases

Dementia
• Enteral tube feeding for people with severe dementia

Endocrinology
• (Ultra‐)long‐acting insulin analogues for people with type 1 diabetes mellitus

ENT
• Biologics for chronic rhinosinusitis
• Ginkgo biloba for tinnitus
• Psychological therapies for temporomandibular disorders (TMD)

Gynaecology
• GM‐CSF (granulocyte macrophage colony stimulating factor) supplementation in culture media for women undergoing assisted reproductive technology (ART)
Mental Health

- Prognostic models for predicting relapse or recurrence of depression
- Psychological interventions for depression and anxiety in patients with coronary heart disease, heart failure or atrial fibrillation
- Transitional discharge interventions for people with serious mental illness

Orthopaedics

- Pharmacological interventions for the prevention of bleeding in people undergoing definitive fixation of hip, pelvic and long bone fractures: a systematic review and network meta-analysis

Respiratory

- Dosing regimens for pancreatic enzyme replacement therapy (PERT) in cystic fibrosis

Rheumatology

- Marine oil supplements for rheumatoid arthritis

Viral Infections

- Hepatitis A immunisation in persons not previously exposed to hepatitis A

National Institute for Health Research

Health Services and Delivery Research

- Multicomponent hospital-led interventions to reduce hospital stay for older adults following elective surgery: a systematic review

Health Technology Assessment

- Enhanced motivational interviewing for reducing weight and increasing physical activity in adults with high cardiovascular risk: the MOVE IT three-arm RCT
- Guided self-help for depression in autistic adults: the ADEPT feasibility RCT
- Developing a serocorrelate of protection against invasive group B streptococcus disease in pregnant women: a feasibility study
- Whole-body MRI compared with standard pathways for staging metastatic disease in lung and colorectal cancer: the Streamline diagnostic accuracy studies
• Sexual health promotion in people with severe mental illness: the RESPECT feasibility RCT
• 3-month versus 6-month adjuvant chemotherapy for patients with high-risk stage II and III colorectal cancer: 3-year follow-up of the SCOT non-inferiority RCT
• Different strategies for pharmacological thromboprophylaxis for lower-limb immobilisation after injury: systematic review and economic evaluation

PUBLIC HEALTH RESEARCH
• Individual health trainers to support health and well-being for people under community supervision in the criminal justice system: the STRENGTHEN pilot RCT
• A revised teaching assistant-led extracurricular physical activity programme for 8- to 10-year-olds: the Action 3:30R feasibility cluster RCT

EFFICACY AND EVALUATION MECHANISM
• Identifying and treating high blood pressure in men under 55 years with grade 1 hypertension: the TREAT CASP study and RCT
• Platelet-rich plasma injection for adults with acute Achilles tendon rupture: the PATH-2 RCT

PROGRAMME GRANTS FOR APPLIED RESEARCH
• Antidepressant treatment with sertraline for adults with depressive symptoms in primary care: the PANDA research programme including RCT

NIHR SIGNALS
• Continuing an anticoagulant at home after abdominal surgery cuts thrombosis risk
• Taking blood pressure medications at night seems best
• Stopping smoking is unlikely to worsen symptoms of ulcerative colitis
• A patch or eye drops are similarly effective for the treatment of “lazy eye” in children
• Very small babies appear not to be affected by the rate of increasing milk feeds
• Voucher rewards do not reduce frequency of cannabis use or relapse in people with early psychosis
• Twenty mph speed zones reduce the danger to pedestrians and cyclists
• Holistic services in advanced lung disease can help people cope better with breathlessness
- Longer duration of urinary catheter placement associated with an increase in urinary infection
- ‘As-needed’ combination asthma inhalers can be more effective than regular inhaled steroids
- Two commonly used pressure redistributing mattresses are similar for preventing pressure ulcers but differ on price

Here are some of the latest print resources added to MY Staff library stock.

You can find a full list of our latest resources at midyorks.nhs.uk/keeping-up-to-date

RECENT ADDITIONS TO MY STAFF LIBRARY STOCK

If there’s a book you’d like to see added to MY Staff library stock, please do let us know.

Recommendations are both welcome and gratefully received 😊

For more information and/or to provide feedback on please contact:

midyorks.library.pgh@nhs.net

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