Articles

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**Classification of Tendon Matrix Change Using Ultrasound Imaging: A Systematic Review and Meta-analysis.**
[Ultrasound imaging (US) is an accurate and reliable method used to diagnose tendinopathy. This systematic review was aimed at identifying common criteria and parameters used to diagnose tendinopathy, the methodological quality of studies and the predictive value of US.]
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**Clinical imaging in dementia with Lewy bodies. [Clinical review]**
[Dementia with Lewy bodies (DLB) is a common neurodegenerative dementia in older people; however, the clinical features, particularly cognitive fluctuations and rapid eye movement sleep disorder, are often hard to elicit, leading to difficulty in making the diagnosis clinically. Here we examine the literature for the evidence behind imaging modalities that could assist in making the diagnosis.]
*Freely available online*

**Duration of Androgen Deprivation Therapy in High-risk Prostate Cancer: A Randomized Phase III Trial.**
[In this study, we report outcomes from high-risk prostate cancer patients treated with radiotherapy and either 36 or 18 mo of androgen deprivation therapy. There was no difference in survival between the two groups, with the 18-mo group experiencing a better quality of life.]
*Freely available online*

**Effects of low-intensity pulsed ultrasound on knee osteoarthritis: a meta-analysis of randomized clinical trials.**
[The present study includes 5 high quality randomized controlled trials. The result indicated that LIPUS, used to treat knee OA without any adverse effect, had a beneficial effect on pain relief and knee functional recovery. More evidence is needed to prove whether LIPUS is effective in improving walking ability.]
*Freely available online*
Efficacy and safety of mechanical versus manual compression in cardiac arrest - A Bayesian network meta-analysis.
Khan SU. *Resuscitation* 2018;130:182-188.
[Manual compression is more effective than AutoPulse and comparable to LUCAS in improving survival at 30 days or hospital discharge and neurological recovery. Manual compression had lesser risk of pneumothorax or hematoma formation compared to AutoPulse.]

External validation of computed tomography decision rules for minor head injury: prospective, multicentre cohort study in the Netherlands.
Foks KA. *BMJ* 2018;362:k3527.
[To externally validate four commonly used rules in computed tomography (CT) for minor head injury.]

Implementation of depression and anxiety screening in patients undergoing radiotherapy.
[Anxiety and depression are disabling, underdiagnosed issues that affect the management of oncology patients. Until recently, there has been no standard protocol for screening and treating these ailments at our cancer centre. The purpose of this institutional review board-approved study was to analyse the implementation of a screening tool in our clinical workflow with the aim of screening over 90% of patients and increasing referrals to mental health services by 50%.
*Freely available online*]

MRI versus laparoscopy to diagnose the main causes of chronic pelvic pain in women: a test-accuracy study and economic evaluation.
Khan KS. *Health Technology Assessment* 2018;22(40):https://doi.org/10.3310/hta22400.
[MRI does not add value to information already gained from history, examination and ultrasound about idiopathic chronic pain and was never a cost-effective option compared with laparoscopy.
*Freely available online*]

Multiparametric MRI to improve detection of prostate cancer compared with transrectal ultrasound-guided prostate biopsy alone: the PROMIS study.
[Adding multiparametric MRI as an initial test prior to prostate biopsy can reduce the proportion of men having unnecessary biopsies and improve the detection of clinically significant prostate cancer.
*Freely available online*]

Books

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*Basic electrocardiography: for ECG training/how to perform ECG.*
Guidelines

The following new guidance has recently been published:

**Standards for angiography and image-guided endovascular interventions**
Royal College of Radiologists (RCR);2018.

[24/7 delivery of safe angiography and endovascular interventional services relies on appropriately trained, competent staff, in sufficient number, with access to adequate equipment and consumables. This guidance covers the end-to-end process, including patient care from pre- to post-procedure, facilities and patient hand over. This document replaces the 2011 guidance Standards in vascular radiology and reflects the numerous developments in patient safety that have occurred since that time.]

*Freely available online*

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