Bulletin

Haematology

Articles
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Adjustable compression devices for chronic oedema and lipoedema: purpose, selection and application.
[Key Points: Chronic oedema and lipoedema are long-term conditions that require appropriate management through the application of compression therapy; Adjustable compression devices (ACDs) offer an alternative to compression hosiery and bandaging in certain situations; ACDs have a higher static stiffness index and varying compression levels that can improve patient outcomes and self-care.]

Adrenal insufficiency of patients with graft versus host disease treated with extracorporeal photopheresis.
[Graft versus host disease (GvHD) is a serious and common complication of allogenic haematopoietic stem cell transplant. Corticosteroids are considered the standard care for initial treatment of GvHD but a significant proportion of patients will need long-term steroid treatment for control of GvHD. Extracorporeal photopheresis (ECP) is a cell-based immunomodulatory therapy that is an accepted second line treatment in patients with steroid refractory, dependent or intolerant GvHD.]
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Care of skin that is oedematous or at risk of oedema.
[Oedema of any kind predisposes the skin to dryness as the skin becomes stretched and undernourished with reduced oil secretion. If prolonged stasis of tissue fluid occurs, the area of oedema becomes transformed into inelastic, fibrotic tissue with thickened skin in the epidermal layer. The skin loses its first-line immunity barrier to bacteria and any penetration of the skin can lead to infection and a worsening of the oedema (Nowicki and Siviour, 2013).]
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Effects of Exercise During or Postchemotherapy in Cancer Patients: A Systematic Review and Meta-Analysis.
Zeng J. Worldviews on Evidence-Based Nursing 2019;16(2):92-101.
[Exercise seems to have a beneficial effect on physical fitness and depression, but not on quality of life, anxiety, weight, and BMI. More specific and detailed description of the implementation of exercise programs should be proposed in the future.]
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Galactomannan detection in broncho-alveolar lavage fluid for invasive aspergillosis in immunocompromised patients.
de Heer K. Cochrane Database of Systematic Reviews 2019;5:CD012399.
[Invasive aspergillosis (IA) is a life-threatening opportunistic mycosis that occurs in some people with a compromised immune system. The serum galactomannan enzyme-linked immunosorbent assay (ELISA) rapidly gained widespread acceptance as part of the diagnostic work-up of a patient suspected of Invasive aspergillosis (IA). Due to its non-invasive nature, it can be used as a routine screening test.]

Medical interventions for the prevention of platinum-induced hearing loss in children with cancer.
van As JW. Cochrane Database of Systematic Reviews 2019;5:CD009219.
[Platinum-based therapy, including cisplatin, carboplatin, oxaliplatin or a combination of these, is used to treat a variety of paediatric malignancies. One of the most significant adverse effects is the occurrence of hearing loss or ototoxicity. In an effort to prevent this ototoxicity, different otoprotective medical interventions have been studied. This review is the third update of a previously published Cochrane Review.]

Guidelines
The following new guidance has recently been published:

The Sherlock 3CG Tip Confirmation System for placement of peripherally inserted central catheters.
National Institute for Health and Care Excellence (NICE); 2019.
https://www.nice.org.uk/guidance/mtg24
[In May 2019, we updated this guidance because the Sherlock 3CG software is now also available in the Site Rite v8 ultrasound device. Details of the modifications are explained in the review decision. The update also includes revised cost-saving estimates. New evidence and updated costs identified during the guidance review are denoted as [2019].]
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