Articles

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Amniotic membrane for treating skin graft donor sites: A systematic review and meta-analysis.
[This systematic review and meta-analysis indicate that it is effective and safe to use AM for treating STSGDS.]
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Clinical outcomes of chronic Achilles tendon rupture treated with flexor hallucis longus grafting and flexor hallucis longus grafting plus additional augmentation: A meta-analysis.
[FHL with additional augmentation group has higher foot function scores (AOFAS) and lower complications when compared to the FHL group. However this did not reach to statistically significant. Further research that assesses a larger sample size of RCTs is necessary to further evaluate FHL with additional augmentation and FHL in the treatment of chronic Achilles tendon rupture.]
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[There were no significant differences in rates of delayed union, nonunion, or malunion among the various treatments. The intramedullary nailing group had a lower incidence of wound complications than did the open reduction and internal fixation group and minimally invasive percutaneous osteosynthesis technique group. Given the superior results for intramedullary nailing in terms of wound complications, we recommend this procedure for treatment of distal tibial fractures.]
Freely available online

Does the evidence support the importance of high transfusion ratios of plasma and platelets to red blood cells in improving outcomes in severely injured patients: a systematic review and meta-analyses.
[Deaths by exsanguination in trauma are preventable with hemorrhage control and resuscitation with allogeneic blood products (ABPs). The ideal transfusion ratio is unknown. Meta-analyses in observational studies suggest survival benefit and no difference in exposure to ABPs. No survival benefit in RCTs was identified. These conflicting results should be interpreted with caution.]
Freely available online
**Early mobilization of trauma patients admitted to intensive care units: A systematic review and meta-analyses.**
[Few studies have investigated the effects of EM in trauma ICU patients. The available evidence suggests that patients who receive EM require fewer days of mechanical ventilation, but have similar mortality and LOS compared to those receiving usual care.]

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**Minimally invasive arthrodesis of the first metatarsophalangeal joint: A systematic literature review.**
[Minimally invasive MTP I arthrodesis is a promising technique with comparable clinical, radiological outcome and complication rates to open surgery in hallux rigidus and rigido-valgus. Future studies are needed providing higher level of evidence to prove the potential benefit of minimally invasive compared to open MTP I arthrodesis.]

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**Non-Steroidal Anti-Inflammatory Drugs As Potential Disease Modifying Medications In Axial Spondyloarthritis.**
Wang R. *Arthritis and Rheumatology* 2019; doi.org/10.1002/art.41164.
[In this paper, we will review the clinical studies of NSAIDs and biologics on disease modification of axSpA, examine genetic, animal and clinical evidence of NSAID effects on bone formation, and discuss how future studies may investigate the question of disease modification in axSpA.]

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**Platelet rich plasma injection for acute Achilles tendon rupture: PATH-2 randomised, placebo controlled, superiority trial.**
Keene DJ. *BMJ* 2019;367:l6132.
[There is no evidence to indicate that injections of platelet rich plasma can improve objective muscle tendon function, patient reported function, or quality of life after acute Achilles tendon rupture compared with placebo, or that they offer any patient benefit.]

*Freely available online*

**The efficacy and safety of continuous versus single-injection popliteal sciatic nerve block in outpatient foot and ankle surgery: a systematic review and meta-analysis.**
Ma HH. *BMC Musculoskeletal Disorders* 2019;20:441.
[CPSNB is an effective method in pain management for outpatient foot and ankle surgery. Both methods appear to be safe as none of the patients experienced neuropathic symptoms or infection. Further studies with larger sample size are needed to compare the risk of major complications between the two methods.]

*Freely available online*

**The Role of Vacuum Assisted Closure in Patients with Pressure Ulcer and Spinal Cord Injury: A Systematic Review.**
[The studies that we included in our qualitative synthesis showed that vacuum assisted closure promoted the healing of PrUs in individuals with SCI.]
Freely available online

Guidelines

The following new guidance has recently been published:

**Traumatic Cardiac Arrest in Adults**
Royal College of Emergency Medicine (RCEM); 2019.
https://www.rcem.ac.uk/docs/RCEM%20Guidance/RCEM_Traumatic%20cardiac%20arrest_Sep%202019%20FINAL.pdf
[Includes algorithm]
Freely available online

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