Stroke Bulletin

Articles

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**Advanced prehospital stroke triage in the era of the mechanical thrombectomy.**
Morrison L. *Journal of Paramedic Practice* 2019;11(4):144-152.
[Direct transport to a comprehensive stroke centre that is capable of endovascular thrombectomy may improve outcomes in patients with large vessel occlusive stroke. Analysis of a number of prehospital triage tools. While there is evidence in support of prehospital bypass protocols, this evidence is poorly generalisable owing to a number of variables, with geographical layout being a significant compounding factor.]
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**Effects of isokinetic muscle strengthening on muscle strength, mobility, and gait in post-stroke patients: a systematic review and meta-analysis.**
Pontes SS. *Clinical Rehabilitation* 2019;33(3):381-394 .
[Isokinetic muscle strengthening seems to be a useful strategy for improving muscle strength, mobility, and gait in post-stroke patients.]
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**Intravenous Magnesium Sulfate in Acute Stroke: A Systematic Review and Meta-Analysis of Randomized Controlled Trials.**
[The findings of our meta-analysis showed that intravenous MgSO4 generally did not improve global/functional outcomes and mortality at 90 days after stroke (combined ischemic stroke and nonischemic stroke). The finding of favorable neurological outcome, selectively in ischemic stroke patients, should be viewed with extreme caution given the limited number of patients included in this subgroup meta-analysis.]
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**Optimal Duration of Aspirin Plus Clopidogrel After Ischemic Stroke or Transient Ischemic Attack: A Systematic Review and Meta-Analysis.**
[Conclusions: Short-term A+C is more effective and equally safe in comparison to aspirin alone in patients with acute IS or transient ischemic attack.]
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**Pharmaceutical interventions for emotionalism after stroke.**
Allida S. *Cochrane Database of Systematic Reviews* 2019;3:CD003690.
Antidepressants may be useful in the treatment of abnormal crying associated with stroke. This is an update of a Cochrane Review first published in 2004 and last updated in 2010.

**Relationships between muscle mass, intramuscular adipose and fibrous tissues of the quadriceps, and gait independence in chronic stroke survivors: a cross-sectional study.**
[To examine the relationships between muscle mass, intramuscular adipose and fibrous tissues of the quadriceps, and gait independence in chronic stroke survivors.]

**Struggling with everyday life after mild stroke with cognitive impairments – The experiences of working age women.**
[The aim of this study was to explore how women of working age who have had a mild stroke resulting in cognitive impairment experience and manage their everyday lives.]

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**The effectiveness of trunk training on trunk control, sitting and standing balance and mobility post-stroke: a systematic review and meta-analysis.**
[In patients suffering from stroke, there is a strong amount of evidence showing that trunk training is able to improve trunk control, sitting and standing balance and mobility.]

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**Reports**

*Statins 'do not work' for half of people prescribed them, study reports.*
NHS Behind the Headlines; 2019.
https://www.nhs.uk/news/medication/statins-do-not-work-half-people-prescribed-them-study-reports/
[A new study assessed GP records for more than 160,000 patients in the UK who'd had a cholesterol check in the 2 years after they started statins. Half of patients did not have an adequate response to statins: their cholesterol levels had reduced by less than 40%. But this does not mean statins do not work. We do not have enough information about the people who did not respond to statins, such as whether they took the medicine as prescribed.]

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