NICE Guidance

1) Parafricta Bootees and Undergarments to reduce skin breakdown in people with or at risk of pressure ulcers

2) Transient loss of consciousness

New and Updated Cochrane Systematic Reviews

3) Interventions for improving upper limb function after stroke

Authors’ conclusions: Large numbers of overlapping reviews related to interventions to improve upper limb function following stroke have been identified, and this overview serves to signpost clinicians and policy makers toward relevant systematic reviews to support clinical decisions, providing one accessible, comprehensive document, which should support clinicians and policy makers in clinical decision making for stroke rehabilitation.
Currently, no high-quality evidence can be found for any interventions that are currently used as part of routine practice, and evidence is insufficient to enable comparison of the relative effectiveness of interventions. Effective collaboration is urgently needed to support large, robust RCTs of interventions currently used routinely within clinical practice. Evidence related to dose of interventions is particularly needed, as this information has widespread clinical and research implications.

4) Exercise for reducing fear of falling in older people living in the community

Authors’ conclusions: Exercise interventions in community-dwelling older people probably reduce fear of falling to a limited extent immediately after the intervention, without increasing the risk or frequency of falls. There is insufficient evidence to determine whether exercise interventions reduce fear of falling beyond the end of the intervention or their effect on other outcomes. Although further evidence from well-designed randomised trials is required, priority should be given to establishing a core set of outcomes that includes fear of falling for all trials examining the effects of exercise interventions in older people living in the community.

Practice changing research, sourced from Dynamed

5) Stroke rehabilitation

Updated 2014 Dec 08: Very early rehabilitation after intracerebral hemorrhage associated with reduced 6-month mortality (Stroke 2014 Dec) view update

Updated 2014 Dec 08: Very early rehabilitation after intracerebral hemorrhage associated with reduced 6-month mortality (Stroke 2014 Dec) view update

6) Blood pressure management in acute ischemic stroke

Updated 2014 Dec 08: Increasing blood pressure during first week after acute stroke has insufficient evidence to evaluate effect on mortality (Cochrane Database Syst Rev 2014 Oct 28) view update

Good Quality Systematic Reviews

7) Factors associated with early deterioration after spontaneous intracerebral hemorrhage: a systematic review and meta-analysis

8) Effect of treatment delay, age, and stroke severity on the effects of intravenous thrombolysis with alteplase for acute ischaemic stroke: a meta-analysis of individual patient data from randomised trials

9) Effects of early blood pressure lowering on early and long-term outcomes after acute stroke: an updated meta-analysis

10) Evidence for the effectiveness of walking training on walking and self-care after stroke: A systematic review and meta-analysis of randomized controlled trials

11) Qingkailing injection for the treatment of acute stroke: a systematic review and meta-analysis
12) **Safe use of antithrombotics for stroke prevention in atrial fibrillation: consideration of risk assessment tools to support decision-making**

13) **Predicting cardioembolic stroke with the B-type natriuretic peptide test: a systematic review and meta-analysis**

14) **Effectiveness and safety of Wuling capsule for post stroke depression: a systematic review**

15) **Intelligent data analysis of instrumented gait data in stroke patients – a systematic review**

16) **Effectiveness of commercially available gaming devices in upper limb stroke rehabilitation**

17) **Systematic review and network meta-analysis comparing antithrombotic agents for the prevention of stroke and major bleeding in patients with atrial fibrillation**

18) **The effect of sleep disordered breathing on the outcome of stroke and transient ischemic attack: a systematic review**

19) **A meta-analysis of acupuncture use in the treatment of cognitive impairment after stroke**

20) **Effect of trunk-restraint training on function and compensatory trunk, shoulder and elbow patterns during post-stroke reach: a systematic review**

21) **Early filiform needle acupuncture for poststroke depression: a meta-analysis of 17 randomized controlled clinical trials**

22) **Effects of whole body vibration therapy on body functions and structures, activity, and participation poststroke: a systematic review**

23) **Hyperbaric oxygen therapy for acute ischaemic stroke**

**Economic Evaluations**

24) **Edoxaban versus warfarin for stroke prevention in non-valvular atrial fibrillation: a cost-effectiveness analysis**

25) **Feasibility and cost effectiveness of stroke prevention through community screening for atrial fibrillation using iPhone ECG in pharmacies: the SEARCH-AF study**

26) **Cost-effectiveness of dabigatran versus vitamin K antagonists for the prevention of stroke in patients with atrial fibrillation: a French payer perspective**

27) **Cost analysis of the Communication and Low Mood (CALM) randomised trial of behavioural therapy for stroke patients with aphasia**

28) **Stroke prevention in patients with atrial fibrillation in France: comparative cost-effectiveness of new oral anticoagulants (apixaban, dabigatran and rivaroxaban), warfarin and aspirin**

29) **Comparison of endovascular treatment approaches for acute ischemic stroke: cost effectiveness, technical success, and clinical outcomes**
Leicester Publications

30) Assessment of novel biomechanical imaging techniques in carotid ex-vivo phantoms

31) A Novel Ultrasound-Based Carotid Plaque Risk Index Associated with the Presence of Cerebrovascular Symptoms

32) Clinical and Imaging Features Associated with an Increased Risk of Late Stroke in Patients with Asymptomatic Carotid Disease

33) Delay between symptom onset and clinic attendance following TIA and minor stroke: the BEATS study.

34) The longitudinal evolution of cerebral blood flow regulation after acute ischaemic stroke

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Experimental & Translational Stroke Medicine
International Journal of Stroke
Journal of Stroke & Cerebrovascular Diseases
Stroke

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