Current Awareness Service
In support of the Chronic Disease Guidelines
Queensland Department of Health

See also Statewide Stroke Clinical Network

Issue no. 3, February 2018

Information for this priority area has been identified by:
Cairns Hospital Library & Knowledge Centre

Contact your local Queensland health Library for information on accessing any articles listed in this current awareness service.

For a full list of libraries and their contact details, go the Queensland Health Libraries webpage.

The references have been generated from the latest Ebsco Medline & CINHAL database updates. This list should NOT be considered a complete set of information on Stroke. Queensland Health clinicians and staff are encouraged to utilise the Clinical Knowledge Network (www.ckn.org.au) for more information available in the area or contact their library for assistance with literature searches.

Some references may be available in full text via CKN.

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To go to references for each section of the list, click on the following document bookmarks:

Evidence | Prevention | Rehabilitation | Therapy | Web links
Stroke – Evidence (Systematic reviews, Meta-analysis, Randomised control trials)

Serine proteases of the complement lectin pathway and their genetic variations in ischaemic stroke. (English) ; Abstract available. By: Tsakanova G; Stepanyan A; Nahapetyan K; Sim RB; Arakelyan A; Boyajyan A, Journal Of Clinical Pathology [J Clin Pathol], ISSN: 1472-4146, 2018 Feb; Vol. 71 (2), pp. 141-147; Publisher: BMJ Pub. Group; PMID: 28720568
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The role of movement errors in modifying spatiotemporal gait asymmetry post stroke: a randomized controlled trial. (includes abstract) Lewek, Michael D.Braun, Carty H.Wutzke, ClintGiuliani, Carol; Clinical Rehabilitation, Feb2018; 32(2): 161-172. 12p. (Article) ISSN: 0269-2155
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Disciplinary power and the process of training informal carers on stroke units. (includes abstract) Sadler, EuanHawkins, RebeccaClarke, David J.Godfrey, MaryDickerson, JosieMcKevitt, Christopher; Sociology of Health & Illness, Jan2018; 40(1): 100-114. 15p. (Article) ISSN: 0141-9889
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Peroxisome proliferator-activated receptor gamma agonists for preventing recurrent stroke and other vascular events in people with stroke or transient ischaemic attack. (English) ; Abstract available. By: Liu J; Wang LN, The Cochrane Database Of Systematic Reviews [Cochrane Database Syst Rev], ISSN: 1469-493X, 2017 Dec 02; Vol. 12; Publisher: Wiley; Cochrane AN: CD010693; PMID: 29197071
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The Timed 180° Turn Test for Assessing People with Hemiplegia from Chronic Stroke. (includes abstract) Robinson, Regan L.Ng, Shamay S. M.; BioMed Research International, 1/15/2018; 1-8p. (Article) ISSN: 2314-6133
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Plugging the patient evidence gap: what patients with swallowing disorders post-stroke say about thickened liquids. (includes abstract) McCurtin, Arlene; Healy, Chiara; Kelly, Linda; Murphy, Fiona; Ryan, Jean; Walsh, Joanne; International Journal of Language & Communication Disorders, Jan 2018; 53(1): 30-39. 10p. (Article) ISSN: 1368-2822  
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Relationship between oxygen cost of walking and level of walking disability after stroke: An experimental study. (includes abstract) Polese, Janaine C.; Ada, Louise; Teixeira-Salmela, Luci F.; Physiotherapy Research International, Jan 2018; 23(1): 1-7. (Article) ISSN: 1358-2267  
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Stroke – Prevention and control

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Stroke – Rehabilitation

**Development of a Social Functioning Assessment Using Computerized Adaptive Testing for Patients With Stroke.** (includes abstract) Lee, Shih-Chieh; Huang, Yi-Jing; Lin, Gong-Hong; Chou, Yeh-Tai; Chou, Chia-Yeh; Hsieh, Ching-Lin; Archives of Physical Medicine & Rehabilitation, Feb 2018; 99(2): 306-313. 8p. (Article) ISSN: 0003-9993
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**Upper Limb Isokinetic Strengthening Versus Passive Mobilization in Patients With Chronic Stroke: A Randomized Controlled Trial.** (includes abstract) Coroian, Flavia; Jourdan, Claire; Bakhti, Karima; Palayer, Claire; Jaussent, Audrey; Picot, Marie-Christine; Mottet, Denis; Julia, Marc; Bonnin, Huey-Yune; Laffont, Isabelle; Archives of Physical Medicine & Rehabilitation, Feb 2018; 99(2): 321-328. 8p. (Article) ISSN: 0003-9993
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**Upper limb robot-assisted therapy in subacute and chronic stroke patients using an innovative end-effector haptic device: A pilot study.** (includes abstract) Dario, P.; Mazzoleni, S.; Battini, E.; Crecchi, R.; Posteraro, F.; NeuroRehabilitation, 2018; 42(1): 43-52. 10p. (Article) ISSN: 1053-8135
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**The efficacy of interactive, motion capture-based rehabilitation on functional outcomes in an inpatient stroke population: a randomized controlled trial.** (includes abstract) Cannell, John; Jovic, Emelyn; Rathjen, Amy; Lane, Kylie; Tyson, Anna M.; Callisaya, Michele L.; Smith, Stuart T.; Ahuja, Kiran D.; Bird, Marie-Louise; Clinical Rehabilitation, Feb 2018; 32(2): 191-200. 10p. (Article) ISSN: 0269-2155
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**Treadmill training to improve mobility for people with sub-acute stroke: a phase II feasibility randomized controlled trial.** (includes abstract) Baer, Gillian D.; Salisbury, Lisa G.; Smith, Mark T.; Pitman, Jane; Dennis, Martin; Clinical Rehabilitation, Feb 2018; 32(2): 201-212. 12p. (Article) ISSN: 0269-2155
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Stroke – Therapy


Temporal trends of antithrombotic therapy for stroke prevention in Korean patients with non-valvular atrial fibrillation in the era of non-vitamin K antagonist oral anticoagulants: A nationwide population-based study. (English); Abstract available. By: Lee SR; Choi EK; Han KD; Cha MJ; Oh S; Lip GYH, Plos One [PLoS One], ISSN: 1932-6203, 2017 Dec 20; Vol. 12 (12), pp. e0189495; Publisher: Public Library of Science; PMID: 29261716 http://search.ebscohost.com/login.aspx?direct=true&AuthType=ip,athens&db=mdc&AN=29261716&site=ehost-live


Web links and organisations

- Acute Stroke Clinical Care Standard 2015. Australian Commission on Safety and Quality in Health Care
- Australia’s Health 2016 – 3.6 Stroke | Australian Institute of Welfare
- Australian Stroke Coalition (ASC) http://australianstrokecoalition.com.au
- Clinical Guidelines for Stroke Management 2010 (currently being updated) | Concise guidelines for stroke management
- Stroke Foundation (Australia) https://strokefoundation.org.au/
- Stroke risk factors and prevention (consumer health information). Better Health Channel (Victoria)

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