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

See also Statewide Stroke Clinical Network

Issue No. 10, July 2018.

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


Dual-task training effects on motor and cognitive functional abilities in individuals with stroke: a systematic review. (includes abstract) He, Ying Yang, Lei Zhou, Jing Yao, Liqing Pang, Marco Yu Chong; Clinical Rehabilitation, Jul 2018; 32(7): 865-877. 13p. (Article) ISSN: 0269-2155 http://search.ebscohost.com/login.aspx?direct=true&AuthType=ip,athens&db=ccm&AN=130647276&site=ehost-live


Back to Basics: Adherence With Guidelines for Glucose and Temperature Control in an American Comprehensive Stroke Center Sample. (English) ; Abstract available. By: Alexandrov AW; Palazzo P; Biby S; Doerr A; Dusenbury W; Young R; Lindstrom A; Grove M; Tsivgoulis G; Middleton S; Alexandrov AV, The Journal Of Neuroscience Nursing: Journal Of The American Association Of Neuroscience Nurses [J Neurosci Nurs], ISSN: 1945-2810, 2018 Jun; Vol. 50 (3), pp. 131-137; Publisher: American Association of Neuroscience Nurses; PMID: 29621071 http://search.ebscohost.com/login.aspx?direct=true&AuthType=ip,athens&db=mdc&AN=29621071&site=ehost-live
Stroke – Prevention and control


Rivaroxaban for Stroke Prevention after Embolic Stroke of Undetermined Source, (English); Abstract available. By: Hart RG; Sharma M; Mundl H; Kasner SE; Bangdiwala SI; Berkowitz SD; Swaminathan B; Lavados P; Wang Y; Wang Y; Davalos A; Shamalov N; Mikulik R; Cunha L; Lindgren A; Arauz A; Lang W; Czlonkowska A; Eckstein J; Gagliardi RJ; Amarenco P; Ameriso SF; Tatlisumak T; Veltkamp R; Hankey GJ; Toni D; Bereczki D; Uchiyama S; Ntaios G; Yoon BW; Brouns R; Endres M; Muir KW; Bornstein N; Ozturk S; O'Donnell MJ; De Vries Basson MM; Pare G; Pater C; Kirsch B; Sheridan P; Peters G; Weitz JL; Peacock WF; Shoamanesh A; Benavente OR; Joynier C; Themeles E; Connolly SJ; NAVIGATE ESUS Investigators, The New England Journal Of Medicine [N Engl J Med], ISSN: 1533-4406, 2018 Jun 07; Vol. 378 (23), pp. 2191-2201; Publisher: Massachusetts Medical Society; PMID: 29766772 http://search.ebscohost.com/login.aspx?direct=true&AuthType=ip,athens&db=mdc&AN=29766772&site=ehost-live


Stroke – Rehabilitation


Influence of water depth on energy expenditure during aquatic walking in people post stroke (includes abstract) Lim, Hyosok Azurdia, Daniel Jeng, Brenda Jung, Taeyou; Physiotherapy Research International, Jul 2018; 23(3): 1-7. 7p. (Article) ISSN: 1358-2267

Effects of Cane Use and Position on Performance of the Sit-to-Stand Task in Stroke Patients (includes abstract) Tung-Chou Li, Keng-Hua Tu, Huei-Sheng Shiu, Mau-Roung Lin; American Journal of Physical Medicine & Rehabilitation, Jul 2018; 97(7): 476-481. 6p. (Article) ISSN: 0894-9115

Effects of Anodal Transcranial Direct Current Stimulation on Somatosensory Recovery After Stroke: A Randomized Controlled Trial (includes abstract) Woo Ram Koo, Baek Hee, Chung Reen Kim; American Journal of Physical Medicine & Rehabilitation, Jul 2018; 97(7): 507-513. 7p. (Article) ISSN: 0894-9115

Effectiveness of Client-Centered “Tune-Ups” on Community Reintegration, Mobility, and Quality of Life After Stroke: A Randomized Controlled Trial (includes abstract) Brouwer, Brenda Bryant, Dianne Garland, S. Jayne; Archives of Physical Medicine & Rehabilitation, Jul 2018; 99(7): 1325-1332. 8p. (Article) ISSN: 0003-9993


Home setting after stroke, facilitators and barriers: A systematic literature review (includes abstract) Marcheschi, Elizabeth Von Koch, Lena Pessah-Rasmussen, Hélène Elif, Marie; Health & Social Care in the Community, Jul 2018; 26(4): e451-e459. 9p. (Article) ISSN: 0966-0410


Characterization of Reactions to Laterally Directed Perturbations in People With Chronic Stroke (includes abstract) Schinkel-Ivy, Alison Aqui, Anthony Danells, Cynthia J Mansfield, Avril;
Experiences of stroke survivors, their families and unpaid carers in goal setting within stroke rehabilitation: a systematic review of qualitative evidence. (includes abstract) Lloyd, Anna; Bannigan, Katrina; Sugavanam, Thavapriya; Freeman, Jennifer; JBI Database of Systematic Reviews & Implementation Reports, Jun 2018; 16(6): 1418-1453. 36p. (Article) ISSN: 2202-4433

Effects of cognitive-motor dual-task training combined with auditory motor synchronization training on cognitive functioning in individuals with chronic stroke: A pilot randomized controlled trial. (includes abstract) Park, Myoung-Ok; Lee, Sang-Heon; Liu, Song; Medicine, Jun 2018; 97(22): e10910-e10910. 1p. (journal article) ISSN: 0025-7974 PMID: 29851819

Envisioning the future as expressed within family health conversations by families of persons suffering from stroke. (includes abstract) Sundin, Karin; Pusa, Susanna; Jonsson, Carin; Saveman, Britt-Inger; Östlund, Ulrika; Scandinavian Journal of Caring Sciences, Jun 2018; 32(2): 707-714. 8p. (Article) ISSN: 0283-9318

Nursing roles and functions addressing relatives during in-hospital rehabilitation following stroke. Care needs and involvement. (includes abstract) Aadal, Lena; Angel, Sanne; Langhorn, Leanne; Pedersen, Birgitte; Blicher-Dreyer, Pia; Scandinavian Journal of Caring Sciences, Jun 2018; 32(2): 871-879. 9p. (Article) ISSN: 0283-9318

Stroke – Therapy

Effects of robot-assisted gait training in chronic stroke patients treated by botulinum toxin-a: A pivotal study. (includes abstract) Erbil, Dursun; Tugba, Gokbel; Murat, Topcu Hasan; Melike, Akarsu; Merve, Akyüz; Can, Karaca; Mehmetalı, Çiftçi; Can, Akay; Öztürk, Nigar; Dursun; Physiotherapy Research International, Jul 2018; 23(3): 1-1. 8p. (Article) ISSN: 1358-2267

Effects of Telestroke on Thrombolysis Times and Outcomes: A Meta-analysis. (includes abstract) Baratloo, Alireza; Rahimpour, Leila; Abushouk, Abdelrahman; Ibrahim, Safari, Saeed; Wing, Chung; Abdulvand, Ali; Prehospital Emergency Care, Jul/Aug 2018; 22(4): 472-484. 13p. (Article) ISSN: 1090-3127

A low cost kinect-based virtual rehabilitation system for inpatient rehabilitation of the upper limb in patients with subacute stroke: A randomized, double-blind, sham-controlled pilot trial. (English); Abstract available. By: Kim WS; Cho S; Park SH; Lee JY; Kwon S; Paik N; Medicine [Baltimore], ISSN: 1536-5964, 2018 Jun; Vol. 97 (25), pp. e11173; Publisher: Lippincott Williams & Wilkins; PMID: 29924029
Generalization of the right acute stroke promotive strategies in reducing delays of intravenous thrombolysis for acute ischemic stroke: A meta-analysis. (English) ; Abstract available. By: Huang Q; Zhang JZ; Xu WD; Wu J, Medicine [Medicine (Baltimore)], ISSN: 1536-5964, 2018 Jun; Vol. 97 (25), pp. e11205; Publisher: Lippincott Williams & Wilkins; PMID: 29924046 http://search.ebscohost.com/login.aspx?direct=true&AuthType=ip,athens&db=mdc&AN=29924046&site=ehost-live

Efficacy and safety of CYP2C19 genotype in stroke or transient ischemic attack patients treated with clopidogrel monotherapy or clopidogrel plus aspirin: Protocol for a systemic review and meta-analysis. (English) ; Abstract available. By: Yao JC; Cui M; Pan MM; Gu ZC; Li WY, Medicine [Medicine (Baltimore)], ISSN: 1536-5964, 2018 Jun; Vol. 97 (24), pp. e11060; Publisher: Lippincott Williams & Wilkins; PMID: 29901608 http://search.ebscohost.com/login.aspx?direct=true&AuthType=ip,athens&db=mdc&AN=29901608&site=ehost-live


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Treatment of poststroke constipation with moxibustion: A case report. (English) ; Abstract available. By: Wen J; Zhuang Z; Zhao M; Xie D; Xie B; Zhuang L; Liang Z; Wu W; Xu H, Medicine [Medicine (Baltimore)], ISSN: 1536-5964, 2018 Jun; Vol. 97 (24), pp. e11134; Publisher: Lippincott Williams & Wilkins; PMID: 29901642
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Changes in the corpus callosum during the recovery of aphasia: A case report. (English) ; Abstract available. By: Yu Q; Yang W; Liu Y; Wang H; Chen Z; Yan J, Medicine [Medicine (Baltimore)], ISSN: 1536-5964, 2018 Jun; Vol. 97 (24), pp. e11155; Publisher: Lippincott Williams & Wilkins; PMID: 29901647
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Is carotid stiffness a possible surrogate for stroke in long-term survivors of childhood cancer after neck radiotherapy? (includes abstract) Zaletel, Lorna, Zadravec, Popit, Matjaz, Zaletel, Marjan;
Radiology & Oncology, 6/1/2018; 52(2): 136-142. 7p. (Article) ISSN: 1318-2099
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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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