Evidence Update (CAS)

In support of the Chronic Disease Guidelines
Queensland Department of Health

See also Statewide Stroke Clinical Network

Issue No. 16, October 2019.

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

Contact your local Queensland Health Library for help to access articles listed. For a full list of libraries and their contact details, go the Queensland Health Libraries webpage.

Source of references: Ebsco Medline and CINAHL databases

This list is not a complete set of information on Stroke

Search Clinical Knowledge Network (www.ckn.org.au) or contact your local library for a comprehensive literature search. Some references may be available in full text via CKN.

To locate copies of articles:

- Click on URL links to access citations
- CKN Full text options include: PDF icon or HTML text
- No PDF or HTML link? Use the CKN Full Text link
- No CKN full text link? Click on Request this item link
  - On the next page, select the Request this item from your local HHS Library link – second option in the list
  - Complete details and select your local QH Library
- Can't find the article you want? Request a copy via your library at QH Libraries
- Where there is no link, request article from your local QH library

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)

http://search.ebscohost.com/login.aspx?direct=true&AuthType=ip,athens&db=ccm&AN=138398062&site=host-live

Therapists’ perspectives on adapting the Stepping On falls prevention programme for community-dwelling stroke survivors in Singapore. (includes abstract) Xu, Tianma O’Loughlin, Kate Clemson, Lindy Lannin, Natasha A. Koh, Gerald Dean, Catherine; Disability & Rehabilitation, Oct 2019; 41(21): 2528-2537. 10p. (Article) ISSN: 0963-8288
http://search.ebscohost.com/login.aspx?direct=true&AuthType=ip,athens&db=ccm&AN=138400068&site=host-live

Longitudinal changes in activity participation in the first year post-stroke and association with depressive symptoms. (includes abstract) Tse, Tamara Linden, Thomas Churilov, Leonid Davis, Stephen Donnan, Geoffrey Carey, LeeAnne M.; Disability & Rehabilitation, Oct 2019; 41(21): 2548-2555. 8p. (Article) ISSN: 0963-8288
http://search.ebscohost.com/login.aspx?direct=true&AuthType=ip,athens&db=ccm&AN=138400071&site=host-live

Stroke patients’ and non-professional coaches’ experiences with home-based constraint-induced movement therapy: a qualitative study. (includes abstract) Stark, Anne Färber, Christine Tetzlaff, Britta Scherer, Martin Barzel, Anne; Clinical Rehabilitation, Sep 2019; 33(9): 1527-1539. 13p. (Article) ISSN: 0269-2155
http://search.ebscohost.com/login.aspx?direct=true&AuthType=ip,athens&db=ccm&AN=138346734&site=host-live

Augmented intelligence decision tool for stroke prediction combines factors from CHA2DS2-VASc and the intermountain risk score for patients with atrial fibrillation. (includes abstract) Horne, Benjamin D. Jacobs, Victoria May, Heidi T. Graves, Kevin G. Bunch, T. Jared; Journal of Cardiovascular Electrophysiology, Sep 2019; 30(9): 1452-1461. 10p. (Article) ISSN: 1045-3873
http://search.ebscohost.com/login.aspx?direct=true&AuthType=ip,athens&db=ccm&AN=138447634&site=host-live

http://search.ebscohost.com/login.aspx?direct=true&AuthType=ip,athens&db=ccm&AN=138441766&site=host-live

http://search.ebscohost.com/login.aspx?direct=true&AuthType=ip,athens&db=ccm&AN=138056672&site=host-live
Stroke – Prevention and control

http://search.ebscohost.com/login.aspx?direct=true&AuthType=ip,athens&db=ccm&AN=138544820&site=ehost-live

Caring for the carer of someone who has had a stroke: findings from an innovative project (includes abstract) Jarvis, AlisonSmith, MarkMcAlpine, LynseyGillespie, David C; International Journal of Therapy & Rehabilitation, Aug2019; 26(8): 1-11. 11p. (Article) ISSN: 1741-1645
http://search.ebscohost.com/login.aspx?direct=true&AuthType=ip,athens&db=ccm&AN=138419249&site=ehost-live

http://search.ebscohost.com/login.aspx?direct=true&AuthType=ip,athens&db=ccm&AN=138056670&site=ehost-live

http://search.ebscohost.com/login.aspx?direct=true&AuthType=ip,athens&db=ccm&AN=138056650&site=ehost-live

High Detection Rate of Atrial Fibrillation With Insertable Cardiac Monitor Implantation in Patients With Cryptogenic Stroke Diagnosed by Magnetic Resonance Imaging (includes abstract) Iwata, TomonoriTodo, KenichiYamagami, HiroshiMorimoto, MasafumiHashimoto, TetsuyaDoijiri, RyosukeFuruya, Hiroyuki; Journal of Stroke & Cerebrovascular Diseases, Sep2019; 28(9): 2569-2573. 5p. (journal article) ISSN: 1052-3057 PMID: 31230824
http://search.ebscohost.com/login.aspx?direct=true&AuthType=ip,athens&db=ccm&AN=138056646&site=ehost-live

Understanding the Experience of Early Supported Discharge from the Perspective of Patients with Stroke and Their Carers and Health Care Providers: A Qualitative Review. Osborne, Candice L.Neville, Marsha; Nursing Clinics of North America, Sep2019; 54(3): 367-384. 18p. (Article) ISSN: 0029-6465
http://search.ebscohost.com/login.aspx?direct=true&AuthType=ip,athens&db=ccm&AN=138483559&site=ehost-live

http://search.ebscohost.com/login.aspx?direct=true&AuthType=ip,athens&db=ccm&AN=138396061&site=ehost-live

Caring for the carer of someone who has had a stroke: findings from an innovative project (includes abstract) Jarvis, AlisonSmith, MarkMcAlpine, LynseyGillespie, David C; International Journal of Therapy & Rehabilitation, Aug2019; 26(8): 1-11. 11p. (Article) ISSN: 1741-1645
http://search.ebscohost.com/login.aspx?direct=true&AuthType=ip,athens&db=ccm&AN=138419249&site=ehost-live
http://search.ebscohost.com/login.aspx?direct=true&AuthType=ip,athens&db=ccm&AN=138634162&site=ehost-live

http://search.ebscohost.com/login.aspx?direct=true&AuthType=ip,athens&db=ccm&AN=138591656&site=ehost-live

http://search.ebscohost.com/login.aspx?direct=true&AuthType=ip,athens&db=ccm&AN=138634543&site=ehost-live

Oral anticoagulant prescribing in elderly patients above and below age 80 with atrial fibrillation. (English); Abstract available. By: Xie K; Shen J; Xiong N; Li J; Ni H; Yuan F; Zhang J; Chen H; Gao W; Jiang X; Luo X, International Journal Of Clinical Pharmacology And Therapeutics [Int J Clin Pharmacol Ther], ISSN: 0946-1965, 2019 Sep; Vol. 57 (9), pp. 458-463; Publisher: Dustri-Verlag Dr. K. Feistle; PMID: 31347488
http://search.ebscohost.com/login.aspx?direct=true&AuthType=ip,athens&db=ccm&AN=31347488&site=ehost-live

http://search.ebscohost.com/login.aspx?direct=true&AuthType=ip,athens&db=mdc&AN=31281110&site=ehost-live

http://search.ebscohost.com/login.aspx?direct=true&AuthType=ip,athens&db=mdc&AN=31296475&site=ehost-live

High Detection Rate of Atrial Fibrillation With Insertable Cardiac Monitor Implantation in Patients With Cryptogenic Stroke Diagnosed by Magnetic Resonance Imaging. (English); Abstract available. By: Iwata T; Todo K; Yamagami H; Morimoto M; Hashimoto T; Dojiri R; Furuya H, Journal Of Stroke And Cerebrovascular Diseases: The Official Journal Of National Stroke Association [J Stroke Cerebrovasc Dis], ISSN: 1532-8511, 2019 Sep; Vol. 28 (9), pp. 2569-2573; Publisher: Saunders; PMID: 31230824
http://search.ebscohost.com/login.aspx?direct=true&AuthType=ip,athens&db=mdc&AN=31230824&site=ehost-live

Association between stroke knowledge, stroke awareness, and preventive behaviors among older people: A cross-sectional study (includes abstract) Pothiban, LinchongSrirat, Chomphoonut; Nursing & Health Sciences, Sep2019; 21(3): 399-405. 7p. (Article) ISSN: 1441-0745

Knowing Patients Better After a Stroke and Secondary Prevention, (English) ; Abstract available. By: Escobar-Rodríguez GA; Pérez-Esteban RJ; Pérez-León FP; Moreno Conde J; Palomino-García A; Parra-Calderón C; Jiménez Hernández MD, Studies In Health Technology And Informatics [Stud Health Technol Inform], ISSN: 1879-8365, 2019 Aug 21; Vol. 264, pp. 916-919; Publisher: IOS Press; PMID: 31438057

A Novel Approach to Prevent Perioperative Stroke in Patients Undergoing Debranching Thoracic Endovascular Aortic Repair with a Mini-Cardiopulmonary Bypass Support, (English) ; Abstract available. By: Ryomoto M; Tanaka H; Mitsuno M; Yamamura M; Sekiya N; Uemura H; Sato A; Ueda D, Annals Of Vascular Surgery [Ann Vasc Surg], ISSN: 1615-5947, 2019 Aug; Vol. 59, pp. 143-149; Publisher: Elsevier; PMID: 30954589

Comparison of the responsiveness of the Utrecht Scale for Evaluation of Rehabilitation (USER) and the Barthel Index in stroke patients. (includes abstract) van Meijeren-Pont, WinkeVolker, GerardVliet Vlieland, TheaGoossens, Paulien; Clinical Rehabilitation, Oct2019; 33(10): 1672-1681. 10p. (Article) ISSN: 0269-2155


A Revised Motor Activity Log Following Rasch Validation (Rasch-Based MAL-18) and Consensus Methods in Chronic Stroke and Multiple Sclerosis. (includes abstract) Van de Winckel, AnnGauthier, Lynne; Neurorehabilitation & Neural Repair, Oct2019; 33(10): 787-791. 5p. (Article) ISSN: 1545-9683

Stroke – Rehabilitation


Comparison of the responsiveness of the Utrecht Scale for Evaluation of Rehabilitation (USER) and the Barthel Index in stroke patients. (includes abstract) van Meijeren-Pont, WinkeVolker, GerardVliet Vlieland, TheaGoossens, Paulien; Clinical Rehabilitation, Oct2019; 33(10): 1672-1681. 10p. (Article) ISSN: 0269-2155


A Revised Motor Activity Log Following Rasch Validation (Rasch-Based MAL-18) and Consensus Methods in Chronic Stroke and Multiple Sclerosis. (includes abstract) Van de Winckel, AnnGauthier, Lynne; Neurorehabilitation & Neural Repair, Oct2019; 33(10): 787-791. 5p. (Article) ISSN: 1545-9683
http://search.ebscohost.com/login.aspx?direct=true&AuthType=ip,athens&db=ccm&AN=138513587&site=ehost-live

http://search.ebscohost.com/login.aspx?direct=true&AuthType=ip,athens&db=ccm&AN=138513590&site=ehost-live

http://search.ebscohost.com/login.aspx?direct=true&AuthType=ip,athens&db=ccm&AN=138513591&site=ehost-live

http://search.ebscohost.com/login.aspx?direct=true&AuthType=ip,athens&db=ccm&AN=138574949&site=ehost-live

Randomized Controlled Trial of Gait Training Using Gait Exercise Assist Robot (GEAR) in Stroke Patients with Hemiplegia. (English); Abstract available. By: Tomida K; Sonoda S; Hirano S; Suzuki A; Tanino G; Kawakami K; Saitoh E; Kagaya H; Journal Of Stroke And Cerebrovascular Diseases: The Official Journal Of National Stroke Association [J Stroke Cerebrovasc Dis], ISSN: 1532-8511, 2019 Sep; Vol. 28 (9), pp. 2421-2428; Publisher: Saunders; PMID: 31307899
http://search.ebscohost.com/login.aspx?direct=true&AuthType=ip,athens&db=mdc&AN=31307899&site=ehost-live

Quality Management Program of Stroke Rehabilitation Using Adherence to Guidelines: A Nationwide Initiative in Japan. (English); Abstract available. By: Miura S; Miyata R; Matsumoto S; Higashi T; Wakisaka Y; A go T; Kitazono T; Ihara K; Shimodozo M; Journal Of Stroke And Cerebrovascular Diseases: The Official Journal Of National Stroke Association [J Stroke Cerebrovasc Dis], ISSN: 1532-8511, 2019 Sep; Vol. 28 (9), pp. 2434-2441; Publisher: Saunders; PMID: 31301984
http://search.ebscohost.com/login.aspx?direct=true&AuthType=ip,athens&db=mdc&AN=31301984&site=ehost-live

Barriers and Facilitators of Stroke Recovery: Perspectives From African Americans With Stroke, Caregivers and Healthcare Professionals. (English); Abstract available. By: Magwood GS; Ellis C; Nichols M; Burns SP; Jenkins C; Woodbury M; Adams R; Journal Of Stroke And Cerebrovascular Diseases: The Official Journal Of National Stroke Association [J Stroke Cerebrovasc Dis], ISSN: 1532-8511, 2019 Sep; Vol. 28 (9), pp. 2506-2516; Publisher: Saunders; PMID: 31255440
http://search.ebscohost.com/login.aspx?direct=true&AuthType=ip,athens&db=mdc&AN=31255440&site=ehost-live

Effectiveness of Intensive Rehabilitation Therapy on Functional Outcomes After Stroke: A Propensity Score Analysis Based on Japan Rehabilitation Database. (English); Abstract available. By: Kamo T; Momosaki R; Suzuki K; Asahi R; Azami M; Oghara H; Nishida Y; Journal Of Stroke And Cerebrovascular Diseases: The Official Journal Of National Stroke Association [J Stroke Cerebrovasc Dis], ISSN: 1532-8511, 2019 Sep; Vol.


Patient-Reported Outcomes of Utilising Person-Generated Health Data in Simulated Rehabilitation Technology: Perceptions of Stroke Survivors. (English) ; Abstract available. By: Dimaguila GL; Gray K; Meroll M, Studies In Health Technology And Informatics [Stud Health Technol Inform], ISSN: 1879-8365, 2019 Aug 21; Vol. 264, pp. 993-997; Publisher: IOS Press; PMID: 31438073

Assessment of the quality and content of clinical practice guidelines for post-stroke rehabilitation of aphasia. (English) ; Abstract available. By: Wang Y; Li H; Wei H; Xu X; Jin P; Wang Z; Zhang S; Yang L, Medicine [Medicine (Baltimore)], ISSN: 1536-5964, 2019 Aug; Vol. 98 (31), pp. e16629; Publisher: Lippincott Williams & Wilkins; PMID: 31374031

Stroke – Therapy

Under-prescription of novel antiplatelet drugs in patients with acute coronary syndrome and previous cardiovascular disease. (English) ; Abstract available. By: Orenes-Piñero E; Esteve-Pastor MA; Ruiz-Nodar JM; Quintana-Giner M; Veliz-Martinez A; Tello-Montolli A; Macias-Villanego MJ; Pernias-Escrig V; Vicente-Ibarra N; Carrillo-Alemán L; Sandin-Rollián M; Martínez J; Lozano T; Rivera-Caravaca JM; Marín F, Minerva Medica [Minerva Med], ISSN: 1827-1669, 2019 Oct; Vol. 110 (5), pp. 410-418; Publisher: Edizioni Minerva Medica; PMID: 31081301


Does pre-existing cognitive impairment impact on amount of stroke rehabilitation received? An observational cohort study. (includes abstract) Longley, VerityPeters, SarahSwarbrick, CarolineRhodes, SarahBowen,
Stroke patients' and non-professional coaches' experiences with home-based constraint-induced movement therapy: a qualitative study. (includes abstract) Stark, AnneFärber, ChristineTetzlaff, BrittaScherer, MartinBarzel, Anne; Clinical Rehabilitation, Sep2019; 33(9): 1527-1539. 13p. (Article) ISSN: 0269-2155

Severe right ventricular dilatation after repair of Tetralogy of Fallot is associated with increased left ventricular preload and stroke volume. (includes abstract) Gnanappa, Ganesh KumarCelermajer, David SZhu, DanyiPuranik, RajeshAyer, Julian; European Heart Journal - Cardiovascular Imaging, Sep2019; 20(9): 1020-1026. 7p. (Article) ISSN: 2047-2404

Augmented intelligence decision tool for stroke prediction combines factors from CHA2DS2-VASc and the intermountain risk score for patients with atrial fibrillation. (includes abstract) Horne, Benjamin D.Jacobs, VictoriaMay, Heidi T.Graves, Kevin G.Bunch, T. Jared; Journal of Cardiovascular Electrophysiology, Sep2019; 30(9): 1452-1461. 10p. (Article) ISSN: 1045-3873


High Detection Rate of Atrial Fibrillation With Insertable Cardiac Monitor Implantation in Patients With Cryptogenic Stroke Diagnosed by Magnetic Resonance Imaging. (includes abstract) lwata, TomonoriTodo, KenichiYamagami, HiroshiMorimoto, MasafumiHashimoto, TetsuyaDoijiri, RyosukeFuruya, Hiroyuki; Journal of Stroke & Cerebrovascular Diseases, Sep2019; 28(9): 2569-2573. 5p. (journal article) ISSN: 1052-3057 PMID: 31230824


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
- **Stroke and its management in Australia: an update** (2013), Australian Institute of Welfare
- **Stroke Foundation (Australia)** [https://strokefoundation.org.au](https://strokefoundation.org.au)
- **Stroke** | **What causes a stroke?** ([consumer health information](https://healthdirect.gov.au/what-causes-a-stroke)). HealthDirect (Australian Government)
- **Stroke risk factors and prevention** ([consumer health information](https://betterhealth.vic.gov.au/conditions/conditions/what-are-the-risks-for-stroke)). Better Health Channel (Victoria)

**Disclaimer:**

Before relying on this material for any important matter, staff should carefully evaluate its accuracy, currency, completeness and relevance to ensure it is appropriate for their purpose. Links to websites and online resources are provided for convenience and do not constitute endorsement of material or of any associated organisation, product or service.