Evidence Update (CAS)

In support of the Chronic Disease Guidelines
Queensland Department of Health

See also Statewide Stroke Clinical Network

Issue No. 5, March 2019.

Information for this priority area has been identified by:
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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.

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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)

Walking and balance ability gain from two types of gait intervention in adult patients with chronic hemiplegic stroke: A pilot study (includes abstract) Choi, Yoon-Hee Kim, Jung-Doo Lee, Jun-Ho Cha, Yong-Jun; Assistive Technology, 2019; 31(2): 112-115. 4p. (Article) ISSN: 1040-0435
http://search.ebscohost.com/login.aspx?direct=true&AuthType=ip,athens&db=ccm&AN=134716583&site=ehost-live

Improvement of Upper Limb Motor Control and Function After Competitive and Noncompetitive Volleyball Exercises in Chronic Stroke Survivors: A Randomized Clinical Trial (includes abstract) Mandehgary Najafabadi, Mahbubeh Azad, Akram Mehdizadeh, Hajar Behzadipour, Saeed Fakhar, Malheh Taghavi Azar Sharabiani, Parvaneh Parianpour, Mohammad Taghizadeh, Ghorban Khalaf, Kinda; Archives of Physical Medicine & Rehabilitation, Mar 2019; 100(3): 401-411. 11p. (Article) ISSN: 0003-9993
http://search.ebscohost.com/login.aspx?direct=true&AuthType=ip,athens&db=ccm&AN=134771107&site=ehost-live

Functional Measures Upon Admission to Acute Inpatient Rehabilitation Predict Quality of Life After Ischemic Stroke (includes abstract) Lin, Chen Katkar, Mansi Lee, Jungwha Roth, Elliot Harvey, Richard L. Prabhakaran, Shyam; Archives of Physical Medicine & Rehabilitation, Mar 2019; 100(3): 481-481. 1p. (Article) ISSN: 0003-9993
http://search.ebscohost.com/login.aspx?direct=true&AuthType=ip,athens&db=ccm&AN=134771091&site=ehost-live

Prevalence of pre-stroke depression and its association with post-stroke depression: a systematic review and meta-analysis (includes abstract) Taylor-Rowan, Martin Momoh, Oyiza Ayerbe, Luis Evans, Jonathan J. Stott, David J. Quinn, Terence J.; Psychological Medicine, Mar 2019; 49(4): 685-696. 12p. (Article) ISSN: 0033-2917
http://search.ebscohost.com/login.aspx?direct=true&AuthType=ip,athens&db=ccm&AN=134643697&site=ehost-live

Development of the assisting hand assessment for adults following stroke: a Rasch-built bimanual performance measure (includes abstract) Krumlinde-Sundholm, Lena Lindkvist, Barbro Plantin, Jeanette Hoare, Brian; Disability & Rehabilitation, Feb 2019; 41(4): 472-480. 9p. (Article) ISSN: 0963-8288
http://search.ebscohost.com/login.aspx?direct=true&AuthType=ip,athens&db=ccm&AN=134749084&site=ehost-live

http://search.ebscohost.com/login.aspx?direct=true&AuthType=ip,athens&db=ccm&AN=134829443&site=ehost-live

http://search.ebscohost.com/login.aspx?direct=true&AuthType=ip,athens&db=ccm&AN=134829442&site=ehost-live


Stroke – Prevention and control


Rehabilitation Outcomes of Patients With Severe Disability Poststroke. (includes abstract) Scrutinio, DomenicoGuida, PietroLanzillo, BernardoFerretti, ChiaraLoverre, AnnaMontrone, NicolaSpaccavento, Simona; Archives of Physical Medicine & Rehabilitation, Mar2019; 100(3): 520-520. 1p. (Article) ISSN: 0003-9993


Experimental Study on Upper-Limb Rehabilitation Training of Stroke Patients Based on Adaptive Task Level: A Preliminary Study. (includes abstract) Pan, LizhengSong, AiguoWang, SimeiDuan, Suolin; BioMed Research International, 2/20/2019; 1-9. 9p. (Article) ISSN: 2314-6133

Call for human contact and support: an interview study exploring patients' experiences with inpatient stroke rehabilitation and their perception of nurses' and nurse assistants' roles and functions. (includes abstract) Loft, Mia IngerslevMartinsen, BenteEsbensen, Bente AppelMathiesen, Lone L.Iversen, Helle K.Poulse, Ingrid; Disability & Rehabilitation, Feb2019; 41(4): 396-404. 9p. (Article) ISSN: 0963-8288

Does a cycling program combined with education and followed by coaching promote physical activity in subacute stroke patients? A randomized controlled trial. (includes abstract) Vanroy, ChristelVanlandewijck, YvesCras, PatrickTruijen, StevenVisser, DirkSwinnen, AnkeBosmans, MatthieuWouters, KristienFeys, Hilde; Disability & Rehabilitation, Feb2019; 41(4): 413-421. 9p. (Article) ISSN: 0963-8288


Stroke – Therapy


Endovascular therapy after acute ischaemic stroke—Experiences and needs of relatives. (includes abstract) Sørensen, KristinaEiskjærDreyer, PiaRasmussen, MadsSimonsen, ClausZ.Andersen, Grethe; Journal of Clinical Nursing, Mar2019; 28(5/6): 792-800. 9p. (Article) ISSN: 0962-1067


Transitions sit to stand and stand to sit in persons post-stroke: Path of centre of mass, pelvic and limb loading – A pilot study. (includes abstract) Vaughan-Graham, JuliePatterson, KaraBrooks, DinaZabjek, KarlCott, Cheryl; Clinical Biomechanics, Jan2019; 61 22-30. 9p. (Article) ISSN: 0268-0033 http://search.ebscohost.com/login.aspx?direct=true&AuthType=ip,athens&db=ccm&AN=134738566&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
- Stroke Foundation (Australia) https://strokefoundation.org.au/
- Stroke risk factors and prevention (consumer health information). Better Health Channel (Victoria)

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