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Queensland Department of Health
See also Statewide Stroke Clinical Network

Issue No. 12, September 2018.

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Stroke – Evidence (Systematic reviews, Meta-analysis, Randomised control trials)

Mental practice for upper limb rehabilitation after stroke: a systematic review and meta-analysis. (includes abstract) Park, Si-WoonKim, Jae-HyungYang, Yun-Jung; International Journal of Rehabilitation Research, Sep2018; 41(3): 197-203. 7p. (Article) ISSN: 0342-5282
http://search.ebscohost.com/login.aspx?direct=true&AuthType=ip,athens&db=ccm&AN=131290571&site=ehost-live

http://search.ebscohost.com/login.aspx?direct=true&AuthType=ip,athens&db=ccm&AN=131290574&site=ehost-live

Effects of gait training with auditory feedback on walking and balancing ability in adults after hemiplegic stroke: a preliminary, randomized, controlled study. (includes abstract) Cha, Yong-JunKim, Jung-DooChoi, Yu-RanKim, Nan-HyangSon, Sung-Min; International Journal of Rehabilitation Research, Sep2018; 41(3): 239-243. 5p. (Article) ISSN: 0342-5282
http://search.ebscohost.com/login.aspx?direct=true&AuthType=ip,athens&db=ccm&AN=131290577&site=ehost-live

Referral facility CT perfusion prior to inter-facility transfer in patients undergoing mechanical thrombectomy. (includes abstract) Aghaebrahim, AminSauvageau, EricAguilar-Salinas, PedroCortez, GustavoSantos, RobertaHanel, Ricardo A.; Journal of NeuroInterventional Surgery, Sep2018; 10(9): 818-822. 6p. (Article) ISSN: 1759-8478
http://search.ebscohost.com/login.aspx?direct=true&AuthType=ip,athens&db=ccm&AN=131366585&site=ehost-live

Increased blood pressure variability after endovascular thrombectomy for acute stroke is associated with worse clinical outcome. (includes abstract) Bennett, Alicia E.Wilder, Michael J.McNally, J. ScottWold, Jana J.Stoddard, Gregory J.Majersik, Jennifer J.Ansari, Saffarde Havenon, Adam; Journal of NeuroInterventional Surgery, Sep2018; 10(9): 823-827. 6p. (Article) ISSN: 1759-8478
http://search.ebscohost.com/login.aspx?direct=true&AuthType=ip,athens&db=ccm&AN=131366586&site=ehost-live

Mechanical thrombectomy in orally anticoagulated patients with acute ischemic stroke. (includes abstract) Zapata-Wainberg, GustavoXiménez-Carrillo, ÁlvaroTrillo, SantiagoFuentes, BlancaCruz-Culebras, AntonioAguirre, Clarade Lecifiñana, María AlonsoVera, RocioBárceca, EduardoFernández-Pheto, AndrésMéndez-Cendón, José CarlosCaniego, Jose LuisDíez-Tejedor, ExuperioMasjuan, JaimeVivancos, José; Journal of NeuroInterventional Surgery, Sep2018; 10(9): 834-838. 6p. (Article) ISSN: 1759-8478
http://search.ebscohost.com/login.aspx?direct=true&AuthType=ip,athens&db=ccm&AN=131366588&site=ehost-live

http://search.ebscohost.com/login.aspx?direct=true&AuthType=ip,athens&db=ccm&AN=131366594&site=ehost-live
Detection of early infarction signs with machine learning-based diagnosis by means of the Alberta Stroke Program Early CT score (ASPECTS) in the clinical routine. (includes abstract)
http://search.ebscohost.com/login.aspx?direct=true&AuthType=ip,athens&db=ccm&AN=131259936&site=ehost-live

Pleth variability index or stroke volume optimization during open abdominal surgery: a randomized controlled trial. (includes abstract) Bahlmann, HansHahn, Robert G.Nilsson, Lena; BMC Anesthesiology, 8/18/2018; 18(1): N.PAG-N.PAG. 1p. (Article) ISSN: 1471-2253
http://search.ebscohost.com/login.aspx?direct=true&AuthType=ip,athens&db=ccm&AN=131308354&site=ehost-live

http://search.ebscohost.com/login.aspx?direct=true&AuthType=ip,athens&db=ccm&AN=131224616&site=ehost-live

Effect of He’s Santong Needling Method on Dysphagia after Stroke: A Study Protocol for a Prospective Randomized Controlled Pilot Trial. (includes abstract) Zhao, LuopengLiu, LuZhang, Claire ShuiqingZeng, LinZhai, JingxiaWang, LinpengJing, XianghongWang, KelunLi, Bin;
Evidence-based Complementary & Alternative Medicine (eCAM), 8/14/2018; 1-9. 9p. (Article) ISSN: 1741-427X
http://search.ebscohost.com/login.aspx?direct=true&AuthType=ip,athens&db=ccm&AN=131224577&site=ehost-live

Acupuncture for balance dysfunction in patients with stroke: A systematic review protocol. (English) ; Abstract available. By: Xu L; Dong Y; Wang M; Chen L; Zhang Z; Su D; Zhang F; Lei Z; Xu W; Didier KKC; Du Y,
Medicine [Medicine (Baltimore)], ISSN: 1536-5964, 2018 Aug; Vol. 97 (31), pp. e11681; Publisher: Lippincott Williams & Wilkins; PMID: 30075561
http://search.ebscohost.com/login.aspx?direct=true&AuthType=ip,athens&db=mdc&AN=30075561&site=ehost-live

Effects of early motivational interviewing on post-stroke depressive symptoms: A pilot randomized study of the Good Mood Intervention program. (includes abstract) Kerr, DebraMcCann, TerenceMackey, ElizabethWijeratne, Tissa;
International Journal of Nursing Practice, Aug 2018; 24(4): 1-8. 8p. (Article) ISSN: 1322-7114
http://search.ebscohost.com/login.aspx?direct=true&AuthType=ip,athens&db=ccm&AN=131282091&site=ehost-live

Effect of respiratory exercise on pulmonary function, balance, and gait in patients with chronic stroke. (includes abstract) DONG-KYU LEEHO-JIN JEONGJONG-SU LEE;
http://search.ebscohost.com/login.aspx?direct=true&AuthType=ip,athens&db=ccm&AN=131215729&site=ehost-live

Difference in independent mobility improvement from admission to discharge between subacute stroke patients using knee-ankle-foot and those using ankle-foot orthoses. (includes abstract) TOMOHIRO OTAHIROYUKI HASHIDATENATSUKI SHIMIZUAIKIHIKO SAITO;
Journal of Physical Therapy Science, 2018; 30(8): 1003-1008. 6p. (Article) ISSN: 0915-5287
http://search.ebscohost.com/login.aspx?direct=true&AuthType=ip,athens&db=ccm&AN=131215700&site=ehost-live
http://search.ebscohost.com/login.aspx?direct=true&AuthType=ip,athens&db=ccm&AN=131215699&site=ehost-live

Does Transcranial Magnetic Stimulation Have an Added Value to Clinical Assessment in Predicting Upper-Limb Function Very Early After Severe Stroke? (includes abstract) Hoonhorst, Maurits H. Nijland, Rinske H. M. van den Berg, Peter J. S. Emmelot, Cornelis H. Kollen, Boudewijn J. Kwakkel, Gert; Neurorehabilitation & Neural Repair, Aug 2018; 32(8): 682-690. 9p. (Article) ISSN: 1545-9683
http://search.ebscohost.com/login.aspx?direct=true&AuthType=ip,athens&db=ccm&AN=131297709&site=ehost-live

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http://search.ebscohost.com/login.aspx?direct=true&AuthType=ip,athens&db=ccm&AN=131161893&site=ehost-live

The Value of Adding Transcutaneous Neuromuscular Electrical Stimulation (VitalStim) to Traditional Therapy for Poststroke Dysphagia: A Randomized Controlled Trial. (includes abstract) Lejun Li Yumei Li Xiaohong Wu Guohua Wang Xiaojing Yi Yichun Zhao Mingjie Guo Muzhi Pan Chunlin Tang; Topics in Geriatric Rehabilitation, Jul-Sep 2018; 34(3): 200-206. 7p. (Article) ISSN: 0882-7524
http://search.ebscohost.com/login.aspx?direct=true&AuthType=ip,athens&db=ccm&AN=131163405&site=ehost-live

Stroke – Prevention and control

Dual therapy with clopidogrel and aspirin prevents early neurological deterioration in ischemic stroke patients carrying CYP2C19*2 reduced-function alleles. (includes abstract) Lin, Jing Han, Zhao Wang, Chun Yi, Xing Yang Chai, Zhen Xiao Zhou, Qiang Huang, Ruyue; European Journal of Clinical Pharmacology, Sep 2018; 74(9): 1131-1140. 10p. (Article) ISSN: 0031-6970
http://search.ebscohost.com/login.aspx?direct=true&AuthType=ip,athens&db=ccm&AN=131207657&site=ehost-live


**Rivaroxaban: searching the integral vascular protection.** (English); Abstract available. By: Barrios V; Almendro-Delia M; Facila L; Garcia-Moll X; Mazón P; Camafort M; Cepeda JM; Mediavilla Garcia JD; Pose Reino A; Suarez Fernandez C, Expert Review Of Clinical Pharmacology [Expert Rev Clin Pharmacol], ISSN: 1751-2441, 2018 Jul; Vol. 11 (7), pp. 719-728; Publisher: Taylor & Francis; PMID: 29965791 http://search.ebscohost.com/login.aspx?direct=true&AuthType=ip,athens&db=mdc&AN=29965791&site=ehost-live


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**Stroke – Rehabilitation**

**Discharge Patterns for Ischemic and Hemorrhagic Stroke Patients Going From Acute Care Hospitals to Inpatient and Skilled Nursing Rehabilitation.** (includes abstract) Ickpyo HongKarmarkar, AmolChan, WinstonYong-Fang Kuomallinson, TrudyOttenbacher, Kenneth J.Goodwin, James S.Andersen, Clark R.Reistetter, Timothy A.; American Journal of Physical Medicine & Rehabilitation, Sep 2018; 97(9): 636-645. 10p. (Article) ISSN: 0894-9115 http://search.ebscohost.com/login.aspx?direct=true&AuthType=ip,athens&db=ccm&AN=131287836&site=ehost-live


http://search.ebscohost.com/login.aspx?direct=true&AuthType=ip,athens&db=ccm&AN=131290577&site=ehost-live

Effect of He’s Santong Needling Method on Dysphagia after Stroke: A Study Protocol for a Prospective Randomized Controlled Pilot Trial. Zhao, LuopengLiu, LuZhang, Claire ShuiqingZeng, LinZhao, JingxiaWang, LinpengJing, XianghongWang, KelunLi, Bin; Evidence-based Complementary & Alternative Medicine (eCAM), 8/14/2018; 1-9. 9p. (Article) ISSN: 1741-427X
http://search.ebscohost.com/login.aspx?direct=true&AuthType=ip,athens&db=ccm&AN=131224577&site=ehost-live

Acupuncture for balance dysfunction in patients with stroke: A systematic review protocol. (English) ; Abstract available. By: Xu L; Dong Y; Wang M; Chen L; Zhang Z; Su D; Zhang F; Lei Z; Xu W; Didier KKC; Du Y, Medicine [Medicine (Baltimore)], ISSN: 1536-5964, 2018 Aug; Vol. 97 (31), pp. e11681; Publisher: Lippincott Williams & Wilkins; PMID: 30075561
http://search.ebscohost.com/login.aspx?direct=true&AuthType=ip,athens&db=ccm&AN=131225561&site=ehost-live

Translation and validation study for the stroke self-efficacy questionnaire in stroke survivors. (includes abstract) Topçu, SerpilOğuz, Sıdıka; International Journal of Nursing Practice, Aug2018; 24(4): 1-8. 8p. (Article) ISSN: 1322-7114
http://search.ebscohost.com/login.aspx?direct=true&AuthType=ip,athens&db=ccm&AN=131282098&site=ehost-live

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http://search.ebscohost.com/login.aspx?direct=true&AuthType=ip,athens&db=ccm&AN=131215729&site=ehost-live

Relationship between functional balance and walking ability in individuals with chronic stroke. (includes abstract) HESSAM, MASUMEHSALEHI, REZASHATERZADEH YAZDI, MOHAMMAD JAFARNEGAHBAN, HOSSEINRAFIE, SHAHRAMMEHRAVAR, MOHAMMAD; Journal of Physical Therapy Science, 2018; 30(8): 993-996. 4p. (Article) ISSN: 0915-5287
http://search.ebscohost.com/login.aspx?direct=true&AuthType=ip,athens&db=ccm&AN=131215710&site=ehost-live

http://search.ebscohost.com/login.aspx?direct=true&AuthType=ip,athens&db=ccm&AN=131215699&site=ehost-live
Is There Full or Proportional Somatosensory Recovery in the Upper Limb After Stroke? Investigating Behavioral Outcome and Neural Correlates. (includes abstract) Boccuni, Leonardo; Meyer, Sarah; Kessner, Simon; De Bruyn, Nele; Essers, Bea; Cheng, Bastian; Thomalla, Götz; Peeters, André; Sunaert, Stefan; Duprez, Thierry; Marinelli, Lucio; Trompetto, Carlo; Thijs, Vincent; Verheyden, Geert; Neurorehabilitation & Neural Repair, Aug 2018; 32(8): 691-700. 10p. (Article) ISSN: 1545-9683 http://search.ebscohost.com/login.aspx?direct=true&AuthType=ip,athens&db=ccm&AN=131297710&site=ehost-live


Stroke – Therapy

Dual therapy with clopidogrel and aspirin prevents early neurological deterioration in ischemic stroke patients carrying CYP2C19*2 reduced-function alleles. (includes abstract) Lin, Jing; Han, Zhao; Wang, Chun; Yi, Xingyang; Chai, Zhenxiao; Zhou, Qiang; Huang, Ruyue; European Journal of Clinical Pharmacology, Sep 2018; 74(9): 1131-1140. 10p. (Article) ISSN: 0031-6970 http://search.ebscohost.com/login.aspx?direct=true&AuthType=ip,athens&db=ccm&AN=131207657&site=ehost-live


Referral facility CT perfusion prior to inter-facility transfer in patients undergoing mechanical thrombectomy. (includes abstract) Aghaebrahim, Amin; Sauvageau, Eric; Aguilar-Salinas, Pedro; Cortez, Gustavo; Santos, Roberta; Hanel, Ricardo A.; Journal of NeuroInterventional Surgery, Sep 2018; 10(9): 818-822. 6p. (Article) ISSN: 1759-8478 http://search.ebscohost.com/login.aspx?direct=true&AuthType=ip,athens&db=ccm&AN=131366585&site=ehost-live
Increased blood pressure variability after endovascular thrombectomy for acute stroke is associated with worse clinical outcome (includes abstract) Bennett, Alicia E.Wilder, Michael J.McNally, J. ScottWold, Jana J.Stoddard, Gregory J.Majersik, Jennifer J.Ansari, Safdarde Havenon, Adam; Journal of NeuroInterventional Surgery, Sep2018; 10(9): 823-827. 6p. (Article) ISSN: 1759-8478
http://search.ebscohost.com/login.aspx?direct=true&AuthType=ip,athens&db=ccm&AN=131366586&site=ehost-live

Antiplatelet pretreatment and outcomes following mechanical thrombectomy for emergent large vessel occlusion strokes (includes abstract) Pandhi, AbhiTsivgoulis, GeorgiosKrishnan, Rashilishfaq, Muhammad F.Singh, SavdeepHoit, DanielArthur, Adam S.Nickele, ChristopherAlexanderov, AndreiEljovich, LucasGoyal, Nitin; Journal of NeuroInterventional Surgery, Sep2018; 10(9): 828-833. 6p. (Article) ISSN: 1759-8478
http://search.ebscohost.com/login.aspx?direct=true&AuthType=ip,athens&db=ccm&AN=131366587&site=ehost-live

Increased middle cerebral artery mean blood flow velocity index after stroke thrombectomy indicates increased risk for intracranial hemorrhage. (includes abstract) Kneihsl, MarkusNiederkorn, KurtDeutschmann, HannesEnzinger, ChristianPottrum, BirgitFischer, RenateThaler, DanielaHermetter, ChristinaWünsch, GeritFazekas, FranzGattringer, Thomas; Journal of NeuroInterventional Surgery, Sep2018; 10(9): 882-887. 6p. (Article) ISSN: 1759-8478
http://search.ebscohost.com/login.aspx?direct=true&AuthType=ip,athens&db=ccm&AN=131366595&site=ehost-live

Mechanical thrombectomy in orally anticoagulated patients with acute ischemic stroke. (includes abstract) Zapata-Wainberg, GustavoXiménez-Carrillo, ÁlvaroTrillo, SantiagoFuentes, BlancaCruz-Culebras, AntonioAguirre, ClaraDe Lecitrana, María AlonsoVera, RocíoBárcena, EduardoFernández-Prieto, AndrésMéndez-Cendón, José CarlosCaniego, Jose LuisDíez-Tejedor, ExuperioMasjuan, JaimeVivancos, José; Journal of NeuroInterventional Surgery, Sep2018; 10(9): 834-838. 6p. (Article) ISSN: 1759-8478
http://search.ebscohost.com/login.aspx?direct=true&AuthType=ip,athens&db=ccm&AN=131366588&site=ehost-live

http://search.ebscohost.com/login.aspx?direct=true&AuthType=ip,athens&db=ccm&AN=131366600&site=ehost-live

http://search.ebscohost.com/login.aspx?direct=true&AuthType=ip,athens&db=ccm&AN=131309695&site=ehost-live

Pleth variability index or stroke volume optimization during open abdominal surgery: a randomized controlled trial. (includes abstract) Bahlmann, HansHahn, Robert G.Nilsson, Lena; BMC Anesthesiology, 8/18/2018; 18(1): N.PAG-N.PAG. 1p. (Article) ISSN: 1471-2253
http://search.ebscohost.com/login.aspx?direct=true&AuthType=ip,athens&db=ccm&AN=131308354&site=ehost-live
Effect of He’s Santong Needling Method on Dysphagia after Stroke: A Study Protocol for a Prospective Randomized Controlled Pilot Trial. (includes abstract) Zhao, Luopeng; Liu, Lu; Zhang, Claire Shuiqing; Zeng, Lin; Zhao, Jingxia; Wang, Linpeng; Jing, Xianghong; Wang, Kelun; Bin; Evidence-based Complementary & Alternative Medicine (eCAM), 8/14/2018; 1-9. 9p. (Article) ISSN: 1741-427X
http://search.ebscohost.com/login.aspx?direct=true&AuthType=ip,athens&db=ccm&AN=131224577&site=ehost-live

http://search.ebscohost.com/login.aspx?direct=true&AuthType=ip,athens&db=ccm&AN=131163847&site=ehost-live

A retrospective study of transcutaneous vagus nerve stimulation for poststroke epilepsy. (English); Abstract available. By: Song GF; Wang HY; Wu CJ; Li X; Yang FY, Medicine [Medicine (Baltimore)], ISSN: 1536-5964, 2018 Aug; Vol. 97 (31), pp. e11625; Publisher: Lippincott Williams & Wilkins; PMID: 30075540
http://search.ebscohost.com/login.aspx?direct=true&AuthType=ip,athens&db=mdc&AN=30075540&site=ehost-live

Does respiratory variation of inferior vena cava diameter predict fluid responsiveness in spontaneously ventilating children with sepsis. (includes abstract) LONG, Elliot; DUKE, Trevor; OAKLEY, Ed; O’BRIEN, Adam; SHERIDAN, Bennett; BABL, Franz E.; Emergency Medicine Australasia, Aug2018; 30(4): 556-563. 8p. (Article) ISSN: 1742-6731
http://search.ebscohost.com/login.aspx?direct=true&AuthType=ip,athens&db=ccm&AN=131330129&site=ehost-live

http://search.ebscohost.com/login.aspx?direct=true&AuthType=ip,athens&db=ccm&AN=131215699&site=ehost-live

http://search.ebscohost.com/login.aspx?direct=true&AuthType=ip,athens&db=ccm&AN=131278392&site=ehost-live

http://search.ebscohost.com/login.aspx?direct=true&AuthType=ip,athens&db=ccm&AN=130617044&site=ehost-live
Stroke and peripheral embolisms in a pediatric patient with giant atrial myxoma: Case report and review of current literature. (English); Abstract available. By: Wu Y; Fu XM; Liao XB; Zhou X, Medicine [Medicine (Baltimore)], ISSN: 1536-5964, 2018 Jul; Vol. 97 (30), pp. e11653; Publisher: Lippincott Williams & Wilkins; PMID: 30045317; http://search.ebscohost.com/login.aspx?direct=true&AuthType=ip,athens&db=mdc&AN=30045317&site=ehost-live

The Value of Adding Transcutaneous Neuromuscular Electrical Stimulation (VitalStim) to Traditional Therapy for Poststroke Dysphagia: A Randomized Controlled Trial. (includes abstract) Lejun LiYumei LiXiaohong WuGuohua WangXiaojing YiYichun ZhaoMingjie GuoMuzhi PanChunlin Tang; Topics in Geriatric Rehabilitation, Jul-Sep 2018; 34(3): 200-206. 7p. (Article) ISSN: 0882-7524; http://search.ebscohost.com/login.aspx?direct=true&AuthType=ip,athens&db=ccm&AN=131163405&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
- **Clinical Guidelines for Stroke Management 2010 (currently being updated)** | Concise guidelines for stroke management
- Stroke Foundation (Australia) [https://strokefoundation.org.au/](https://strokefoundation.org.au/)
- **Stroke** | What causes a stroke? (consumer health information). HealthDirect (Australian Government)
- **Stroke risk factors and prevention** (consumer health information). Better Health Channel (Victoria)

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