This Current Awareness Bulletin is produced by the Yeovil Academy Library to provide staff with a range of stroke-related resources to support practice. It includes recently published guidelines and research articles, as well as news and policy items.

### Cochrane Systematic Reviews

**What are the effects of self-management programs in people with stroke?**

*Interventions for the uptake of evidence-based recommendations in acute stroke settings*

Online Publication Date: January 2017

**Blood transfusion for preventing primary and secondary stroke in people with sickle cell disease**

Online Publication Date: January 2017

**Remote ischaemic conditioning for preventing and treating ischaemic stroke**

Online Publication Date: January 2017

**Caregiver-mediated exercises for improving outcomes after stroke**

Online Publication Date: December 2016

**Cerebrolysin for acute ischaemic stroke**

Online Publication Date: December 2016

**Transcranial laser therapy for acute ischemic stroke**

Online Publication Date: November 2016

**Repetitive task training for improving functional ability after stroke**

Online Publication Date: November 2016
Antiplatelet therapy for preventing stroke in people with atrial fibrillation
Online Publication Date: November 2016

Guidelines

NICE National Institute for Health and Care Excellence

NICE targets stroke with possible new indicators for GPs and clinical commissioners
News Published February 2016

Stroke
NICE Pathway  December 2015

Acute Ischaemic Stroke and Intravenous Thrombolysis
Royal College of Emergency Medicine - RCEM
03 December 2015 - Guidance

Systematic Reviews

Determining the potential benefits of yoga in chronic stroke care: a systematic review and meta-analysis. 
Topics in stroke rehabilitation 2017

Repetitive transcranial magnetic stimulation for the treatment of post-stroke depression: A systematic review and meta-analysis of randomized controlled clinical trials. 
Journal of Affective Disorders 2017

Effectiveness of robotic assisted rehabilitation for mobility and functional ability in adult stroke patients: a systematic review protocol. 
JBI database of systematic reviews and implementation reports 2017

Efficacy and safety of puerarin injection in curing acute ischemic stroke: A meta-analysis of randomized controlled trials. 
Medicine 2017

Journal of the International Neuropsychological Society : JINS 2017
UpToDate® is accessible via the links section of the library intranet YCloud page or via the library blog. It can also be accessed at uptodate.com/login with an OpenAthens username and password. To register for an OpenAthens account click here.

Initial assessment and management of acute stroke
Literature review current through: Dec 2016. | This topic last updated: Aug 15, 2016.

Overview of the evaluation of stroke
Literature review current through: Dec 2016. | This topic last updated: Apr 12, 2016.

Journal Articles

Please click on the blue link (where available) to access the full text. You may need an OpenAthens username and password. To register for an OpenAthens account click here.

If you would like help obtaining any of the articles, please contact the Library.

NICE Healthcare Databases

Using the National Institutes of Health Stroke Scale.
Author(s) Lyden, Patrick
Source Stroke; Jan 2017
Publication Date Jan 2017
DOI 10.1161/STROKEAHA.116.015434
ISSN 1524-4628
Database Medline
- Available in full text at Stroke from Ovid
- Available in full text at Stroke from Highwire Press

Left ventricular wall motion abnormalities: What can they tell us about stroke recurrence?
Author(s) Brouns, Raf
Source Neurology; Jan 2017
Publication Date Jan 2017
DOI 10.1212/WNL.00000000000003591
ISSN 1526-632X
Database Medline
- Available in full text at Neurology from Ovid
Characterizing differential post-stroke corticomotor drive to the dorsi- and plantarflexor muscles during resting and volitional muscle activation.

Author(s) Palmer, Jacqueline Ann; Zarzycki, Ryan; Morton, Susanne M; Kesar, Trisha M; Binder-Macleod, Stuart A

Source Journal of neurophysiology; Jan 2017; p. jm

Publication Date Jan 2017

DOI 10.1152/jn.00393.2016

ISSN 1522-1598

Database Medline

- Available in full text at Journal of Neurophysiology from Highwire Press

Letter Re: Retraction: Risedronate Therapy For Prevention Of Hip Fracture After Stroke In Elderly Women; Risedronate Therapy For Prevention Of Hip Fracture After Stroke In Elderly Women: Reply From The Authors.

Author(s) Kappos, Ludwig

Source Neurology; Jan 2017; vol. 88 (no. 2); p. 221

Publication Date Jan 2017

DOI 10.1212/WNL.0000000000003501

ISSN 1526-632X

Database Medline

- Available in full text at Neurology from Ovid

Letter Re: Role Of Sleep-Disordered Breathing And Sleep-Wake Disturbances For Stroke And Stroke Recovery.

Author(s) Fuchs, Dietmar; Strasser, Barbara

Source Neurology; Jan 2017; vol. 88 (no. 2); p. 220

Publication Date Jan 2017

DOI 10.1212/WNL.0000000000003500

ISSN 1526-632X

Database Medline

- Available in full text at Neurology from Ovid

Blood pressure levels and the risk of intracerebral hemorrhage after ischemic stroke.

Author(s) Hilkens, Nina A; Greving, Jacoba P; Algra, Ale; Klijn, Catharina J M

Source Neurology; Jan 2017; vol. 88 (no. 2); p. 177-181

Publication Date Jan 2017

DOI 10.1212/WNL.0000000000003489

ISSN 1526-632X

Database Medline

- Available in full text at Neurology from Ovid

Migraine and risk of perioperative ischemic stroke and hospital readmission: hospital based registry study.

Author(s) Timm, Fanny P; Houle, Timothy T; Grabitz, Stephanie D; Lihn, Anne-Louise; Stokholm, Janne B et al.

Source BMJ (Clinical research ed.); Jan 2017; vol. 356 ; p. i6635

Publication Date Jan 2017

DOI 10.1136/bmj.i6635

ISSN 1756-1833
Centralising and optimising decentralised stroke care systems: a simulation study on short-term costs and effects.

Author(s) Lahr, Maarten M H; van der Zee, Durk-Jouke; Luijckx, Gert-Jan; Vroomen, Patrick C A J; Buskens, Erik

Source BMC medical research methodology; Jan 2017; vol. 17 (no. 1); p. 5

Publication Date Jan 2017
ISSN 1471-2288

Database Medline
- Available in full text at The BMJ from Highwire Press
- Available in full text at BMJ, The from National Library of Medicine


Author(s) Caso, Valeria; Falorni, Alberto; Bushnell, Cheryl D; Acciarresi, Monica; Remohí, José et al.

Source Stroke; Jan 2017

Publication Date Jan 2017
DOI 10.1161/STROKEAHA.116.013964
ISSN 1524-4628

Database Medline
- Available in full text at Stroke from Ovid
- Available in full text at Stroke from Highwire Press

Anesthesia Technique and Outcomes of Mechanical Thrombectomy in Patients With Acute Ischemic Stroke.

Author(s) Bekelis, Kimon; Missios, Symeon; MacKenzie, Todd A; Tjoumakaris, Stavropoula; Jabbour, Pascal

Source Stroke; Jan 2017

Publication Date Jan 2017
DOI 10.1161/STROKEAHA.116.015343
ISSN 1524-4628

Database Medline
- Available in full text at Stroke from Ovid
- Available in full text at Stroke from Highwire Press

Predicting Home and Community Walking Activity Post-Stroke.

Author(s) Fulk, George D; He, Ying; Boyne, Pierce; Dunning, Kari

Source Stroke; Jan 2017

Publication Date Jan 2017
DOI 10.1161/STROKEAHA.116.015309
ISSN 1524-4628

Database Medline
- Available in full text at Stroke from Ovid
Efficacy of interventions to improve physical activity levels in individuals with stroke: a systematic review protocol.

Author(s) Aguiar, Larissa Tavares; Martins, Júlia Caetano; Nadeau, Sylvie; Britto, Raquel Rodrigues; Teixeira-Salmela, Luci F et al.

Source BMJ open; Jan 2017; vol. 7 (no. 1); p. e012479

Publication Date Jan 2017

DOI 10.1136/bmjopen-2016-012479

ISSN 2044-6055

Database Medline

- Available in full text at BMJ Open from Highwire Press

Library Resources

The books listed below are a selection of those that can be found at the library. To search the library catalogue in full, visit swims.nhs.uk.

More case studies in stroke : common and uncommon presentations (2014)
Hennerici, Michael G.

Sleep, stroke, and cardiovascular disease (2013)
Culebras, Antonio

Stroke (2013)
Barrett, Kevin; Meschia, James F.

In the News

A pattern of brain activity may link stress to heart attacks -
12 Jan 2017 - It may be possible that meditation could reduce the risk of stress-based heart attack or stroke.

Weekend-only workouts 'still give an important health boost' -
10 Jan 2017 - Meeting these guidelines could reduce the risk of major illnesses, such as heart disease, stroke, type 2 diabetes and cancer.
Other headlines

**How stress may increase risk of heart disease and stroke**
Science Daily-11 Jan 2017

**A glass of wine a day could protect against a stroke**
Telegraph.co.uk-23 Nov 2016

**Migraine linked with higher risk of stroke after surgery**
Nursing Times-11 Jan 2017

**Common heartburn drugs may raise stroke risk**
Medical News Today-16 Nov 2016
This current awareness bulletin contains an inexhaustive selection of information that has not been critically appraised by library staff. It is therefore the responsibility of the reader to appraise this information for accuracy and relevance.

For further information or support please contact Yeovil Academy Library, Level 4, Yeovil District Hospital, Higher Kingston, Yeovil, BA21 4AT; tel 01935 38(4495) or 01935 38(4697), library@ydh.nhs.uk or visit the library blog at yeovildh.wordpress.com.