Research Resources

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These resources have been identified as useful by the BAHT clinical evidence committee who will endeavour to keep all the links up to date. Not all the information you can access via the websites is checked so please use your judgement when you choose the resources you need

Keeping up to Date

Hand therapy relevant evidence updates that you can sign up to:

University of Nottingham UK CHINA MALAYSIA	The Centre for Evidence Based Hand Surgery (Nottingham) have recently launched the HandSRev database. This is a listing of systematic reviews relevant to hand surgery (and hand therapy). An excellent resource and great place to start when looking for the latest evidence. Centre for Evidence Based Hand Surgery - The University of
NICE National Institute for Health and Care Excellence	Nottingham NICE provides national guidance and advice to improve health and social care, with resources to help maximise use of evidence and guidance: https://www.nice.org.uk/guidance
RSTN Reconstructive Surgery Trials Network	The RSTN is the clinical trials network for plastic surgery and hand surgery in the UK. It is part of the Royal College of Surgeons clinical trials initiative and is supported by BAPRAS and BSSH. http://reconstructivesurgerytrials.net

Organisations Offering General Research Tips



MRC support research across the entire spectrum of medical sciences in the UK and overseas. Insight is a carefully moderated blog for medical researchers that provides a steady stream of fascinating high-quality articles.

http://www.insight.mrc.ac.uk/



Listening to patients' experiences of their care — and to the views of the NHS staff who provide it — plays a crucial part in delivering services that are safe, effective and continuously improving. Insight comes from a combination of sources to understand a number of different issues and can tell us things that other performance data cannot, particularly about how people feel about hugely important issues such as dignity, compassion and respect.

NHS England has set up a network of people interested in insight work across the NHS to improve awareness, information sharing and expertise. If you work in this field and want to join the network, or if you have any other queries about their work, please contact the Insight & Feedback Team at england.insightQueries@nhs.net.

http://www.england.nhs.uk/ourwork/insight



A network for students interested in evidence-based healthcare, links to resources to educate students/clinicians.

http://students4bestevidence.net



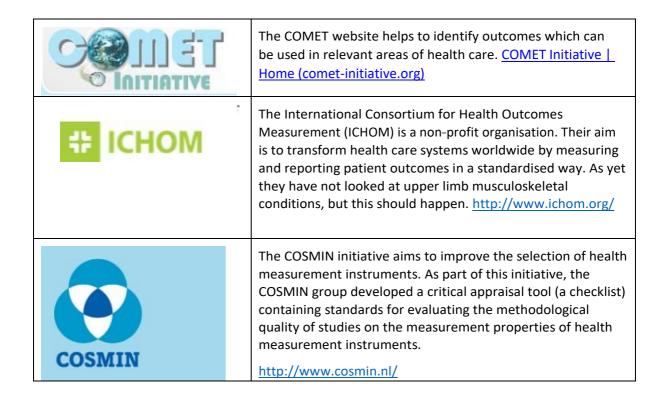
Signing up to bulletins from the CSP & BAHT can also be a good way to keep up to date or link with others, as can using Twitter and following others with the same interests as you professionally, or following organisations e.g. NIHR, Cochrane, NICE.

Literature Review

Tools to support critical appraisal

CNSP	The tool you use will depend on the type of research method used, if there is no specific tool for the type of study, look at the guidelines in planning research (equator site) to determine if the guidelines have been followed. An easy place to start for appraisal tools is looking at the critical appraisal skills website: https://casp-uk.net/ This site has set of eight critical appraisal tools for: Systematic Reviews, Randomised Controlled Trials, Cohort Studies, Case Control Studies, Economic Evaluations, Diagnostic Studies, Qualitative studies and Clinical Prediction Rule. The site also has a brief summary of these different research methods to guide you.
CEBM UNIVERSITY OF OXFORD	The centre for evidence-based medicine in Oxford also has resources for appraisal http://www.cebm.net/critical-appraisal/
PRISMA TRANSPARENT REPORTING OF SYSTEMATIC REVIEWS AND META-ANALYSES	See the planning research section if you want guidance on how to carry out a literature review and publish it – PRISMA statement gives guidelines on report and conduct of systematic reviews http://prisma-statement.org/
	Also look at the Cochrane collaboration and the centre for reviews and dissemination for specific information of Cochrane reviews/reviewing http://training.cochrane.org/handbook
UNIVERSITY OF YORK Centre for Reviews and Dissemination	CRD at York produces policy relevant research and methods to advance the use of research evidence to improve population health. PROSPERO is their prospective database of systematic reviews https://www.crd.york.ac.uk/PROSPERO/ .
	If you plan to conduct a systematic review, you should also register your protocol here: https://www.york.ac.uk/crd/
SIGN	The Scottish Intercollegiate Guidelines Network (SIGN) aims to improve the quality of health care for patients in Scotland by reducing variation in practice and outcome, through the development and dissemination of national clinical guidelines containing recommendations for effective practice based on current evidence. http://www.sign.ac.uk

Outcome Measures



Developing a Library of Articles and References

Finding and organising literature to review is time consuming, the clinical librarian will help you perform structured literature searches, access books and journal articles and give you information on referencing software. You may find your trust has a subscription to a particular package that you can use e.g. RefWorks, Endnote, Mendeley (the latter is a free package, but the others require paid subscription).

Become a Peer Reviewer

Peer reviewing for journals and funding bodies is a great way to use your research skills & knowledge to support the quality of hand therapy publications and future research.

https://uk.sagepub.com/en-gb/eur/journal-reviewer-

gateway?utm_source=Adestra&utm_medium=email&utm_content=0J0578&utm_campaign=not+tracked &utm_term=&em=17e889b5ff5207e638b179f5390608682cd88e594a307515bcb78ed27701e3

Research Networks

If you are, or want to be, research active come to conference and meet other hand therapists who are interested in the same topics, and keep an eye on the BAHT news and e-bulletins, when academics seek the input of hand therapists we will post them and ask for expressions of interest BAHT CEC also keep a database of research projects for which members have requested BAHT support e.g. advertise a survey, this can be used to put you in touch with hand therapists with the same research interest or to avoid duplication of projects.

Other networks are listed below:

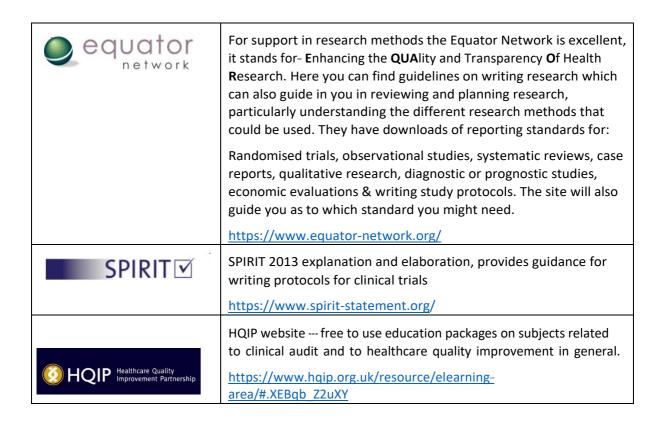
Centre for R R R R R R R R R R R R R R R R R R R	RRIO (Oxford) https://rehabresearch.ndorms.ox.ac.uk/link-with-us
Software Health Care &	Chain (online international network for people working in health and social care) http://www.chain-network.org.uk/
Cahpr Council for Allied Health Professions Research	The aims of the Council for Allied Health Professions Research (CAHPR) are to: 1. Develop AHP research 2. Strengthen evidence of the profession's value and impact for enhancing service user and community care 3. Enable the professions to speak with one voice on research issues thereby raising their profile and increasing their influence.
	There are local hubs across the country, check out what's going on in your area:
	https://cahpr.csp.org.uk/
OpenAcademics Follow 50.9K followers	Open Academics provides resources to help you with academic writing e.g. cover letters, grant writing, article structure.
	Resources OpenAcademics (oacommunity.org)

Planning Research

It's worth stating that it's important at the initial stages of a project to consider how it links with the research priorities for your profession, hand therapy, hand surgery and the NHS 5 year forward view; and that it is shown to have been informed by clinical as well as patient and public priorities as this will support your efforts to get funding.

James Lind BSSH Alliance The British Society for Bargery of the Bland Priority Setting Partnerships	BSSH James Lind Alliance partnership The British Society for Surgery of the Hand
COMMEND SOCIETY OF PROMY SERVING PS	Research priorities The Chartered Society of Physiotherapy (csp.org.uk)
Royal College of Occupational Therapists	https://www.rcot.co.uk/practice-resources/research- and-development
NHS 70 England YEARS OF THE BHS 1948 - 2018	https://www.england.nhs.uk/five-year-forward-view
INVOLVE	INVOLVE was established in 1996 and is part of, and funded by, the National Institute for Health Research, to support active public involvement in NHS, public health and social care research. As a national advisory group our role is to bring together expertise, insight and experience in the field of public involvement in research, with the aim of advancing it as an essential part of the process by which research is identified, prioritised, designed, conducted and disseminated.
	A free online e-module is available for patient public and researcher training on PPI http://www.invo.org.uk/resource-centre/learning-and-
	development/public-reviewing-with-the-national-institute-for-health-research-nihr/

General Guidance on Research Methods



Questionnaires and surveys are not covered by the Equator network but as well as information in research methods textbooks, the links blow give some good tips on using and developing surveys & questionnaires. Be aware that although surveys seem to be a quick way of generating data, they are not always the best way to answer a research question about best practice or achieve a consensus from experts.

https://www.england.nhs.uk/ourwork/insight/insight-resources/

https://www.sheffield.ac.uk/apse/wp/wpevaluation/generaladvice

https://www.coursehero.com/file/13429975/12-Surveys-and-Questionnaires-Revision-2009/

Local / Specific Research Contacts

Research and Development departments in NHS Trusts always legally need to be involved for research conducted in that Trust. They should provide support and guidance for the process of writing research proposals, statistical support, ethical approval or setting up a study. They can also help you decide if your proposed idea would be research/ audit or service evaluation and a good link for determining the difference can be found on the Health Research Authority (HRA) site, which

more generally deals with research approval/ ethics and improving NHS England research: Health Research Authority (hra.nhs.uk)

National Institute for Health Research 9948-2016	Planning and obtaining funding, and permission for research is a detailed process, the link below takes to you a visual map of the process involved —ask for support and network as it takes teams of people to conduct research http://www.ct-toolkit.ac.uk/
NHS National Institute for Health Research	Clinical research networks (CRN) support planning and conducting research within the NHS Clinical Research Network NIHR Research design service also accessed via the NIHR: Research Design Service NIHR
IRAS INTEGRATED RESEARCH APPLICATION SYSTEM	Applications for clinical research in the NHS are done via the IRAS system https://www.myresearchproject.org.uk/

Clinical Academic Career?



The National Institute for Health Research have information for aspiring clinical academics from the non-medical professions

https://www.hee.nhs.uk/our-work/clinical-academic-careers

https://www.youtube.com/watch?v=4KevHrdxQ1M

Look at the HEE/NIHR site there are opportunities to undertake academic study and develop research skills



BAHT offers research grants and winning a small grant award is a great way to get started to prepare you for bigger research projects. (link to page on BAHT site). Other organisations may also offer internships or scholarships e.g. CAHPR/ CSP.

The Clinical Evidence Committee has self-declared as an NIHR non-commercial partner. The National Institute for Health Research Clinical Research Network (NIHR CRN) Portfolio is a database of high-quality clinical research studies that are eligible for support from the NIHR Clinical Research Network in England.

This enables those participants who are successfully awarded a research grant by BAHT CEC and who meet the NIHR criteria* to automatically be eligible for NIHR clinical research network support costs which provide additional resources and finances in addition to their funding to assist with the research process.

NIHR criteria: must be research conducted in NHS in England. For more information on whether your project would meet the NIHR criteria and further details please go to:

https://www.noclor.nhs.uk/study/nihr-portfolio-studies