

WMER

The West Midlands Evidence Repository (WMER) : a consortium project to connect NHS staff and the public with NHS research (presentation)

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The West Midlands Evidence Repository (WMER)

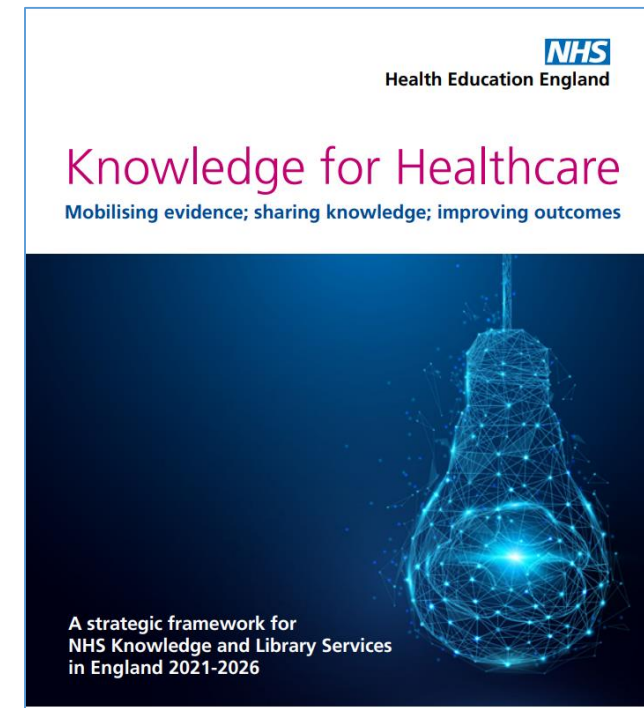
A Consortium Project to Connect NHS Staff and the Public with NHS Research

Suzanne Toft, Knowledge & Evidence Specialist – Lead, Black Country Healthcare NHS Foundation Trust,
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Gavin Moore, Knowledge and Library Services Manager, South Warwickshire University NHS Foundation Trust and George Eliot Hospital NHS Trust, Gavin.Moore@swft.nhs.uk

NHS and Research

- Research is at the heart of the NHS as it underpins advances in health and care and is the basis for evidence-based practice
 - Statutory obligation to use research
- Government directed - *The Future of UK Clinical Research Delivery*, Policy Paper 2021
 - In 2020/21 over 1 million people were recruited into COVID-19 studies across the UK
- Range of research in the NHS
 - Case studies
 - Systematic reviews
 - Management





What is WMER?

‘An institutional repository is an archive for collecting, preserving, and disseminating digital copies of the intellectual output of an institution, particularly a research institution.’

(https://en.wikipedia.org/wiki/Institutional_repository)

Atmire - host
DSpace - software




Hearing loss in inner ear and systemic autoimmune disease: a systematic review of post-cochlear implantation outcomes Export -

Author
Lee, Jonathan
Biggs, Kirsty
Muzaffar, Jameel 
Bance, Manohar
Monkshead, Peter 

Affiliation
South Warwickshire University NHS Foundation Trust; University Hospitals of North Midlands, Stoke-on-Trent; University Hospitals Birmingham NHS Foundation Trust; University of Cambridge; Cambridge University Hospitals NHS Foundation Trust

Publication date
2021-05

Subject
Ear, Nose & Throat

 See more details
 Tweeted by 3
 34 readers on Mendeley
Metadata
Show full item record

Abstract
Objectives: To assess outcomes following cochlear implantation (CI) in patients with hearing loss secondary to primary or secondary autoimmune inner ear disease (AIED). Methods: A systematic review and narrative synthesis was completed according to PRISMA guidelines. Databases searched included MEDLINE, PubMed, EMBASE, Web of Science, Cochrane Collection, and ClinicalTrials.gov. No limits were placed on year of publication or language. Results: A total of 551 studies were identified, of which 29 were included after removal of duplicates, and screening the title, abstract, and full text. All except one study were OCEBM grade IV. 114 of 115 patients displayed improvement in hearing following cochlear implantation. With implant use, roughly a third of these patients had hearing that improved over time, a third improved and plateaued, and a third remained stable. There was no additional risk of perioperative complications found in AIED patients compared what is generally accepted in general cochlear implantation, although two episodes of device failure after 6 months were noted, and four patients with secondary AIED displayed poor initial audiological outcomes. Conclusion: CI in both primary and secondary AIED provides marked improvement in hearing. Early CI may be a valid management option, provide long lasting hearing in patients and reduce the side effects of long term systemic immunosuppressants. However, patients should be counseled residual hearing may be lost if there is cochlear ossification or fibrosis which may make implant insertion more traumatic.

Citation
Lee J, Biggs K, Muzaffar J, Bance M, Monkshead P. Hearing loss in inner ear and systemic autoimmune disease: A systematic review of post-cochlear implantation outcomes. Laryngoscope Investig Otolaryngol. 2021 May 4;6(3):469-487. doi: 10.1002/lto2.563.

Type
Article

Handle
<http://hdl.handle.net/20.50014200/1073>

Additional Links
<http://www.ncbi.nlm.nih.gov/pmc/articles/PMC8223457/>

DOI
10.1002/lto2.563

PMID
34195369

Journal
Laryngoscope Investigative Otolaryngology

Publisher
Wiley Open Access

Collections
General Surgery

NHS and Institutional Repositories

- The need to have a record of publications:
 - Bespoke databases
 - Newsletters
- NHS England - Knowledge for Healthcare: Mobilising evidence; sharing knowledge; improving outcomes strategy 2021-2026
- Trust repositories
- British Library Pilot Scheme
- Consortium Repositories



Welcome to the East Midlands Evidence Repository.

The East Midlands Evidence Repository (EMER) is the official institutional research repository for; Derbyshire Community Health Services, Leicester Partnership Trust, NHS Nottingham and Nottinghamshire CCG, Nottinghamshire Healthcare, Sherwood Forest Hospitals, University Hospitals of Derby and Burton and the University Hospitals Of Leicester

EMER is intended to make NHS research more visible and discoverable by capturing, storing and preserving the East Midlands research output and making it available to the research community through open access protocols.

Wherever possible, full-text content is provided for all research publications in the repository. Content grows daily as new collections are added.



The Christie
School of Oncology



amber
AMBULANCE ► RESEARCH ◄ REPOSITORY

- WMER is a regional consortium between NHS Trusts
 - Contract start Oct. 2022
- WMER was setup and is organised by the Knowledge and Library Services
- Benefits – shared practice, shared knowledge, shared resources

1. Black Country Healthcare NHS Foundation Trust
2. Coventry and Warwickshire Partnership NHS Trust
3. Dudley Group NHS Foundation Trust
4. George Eliot Hospital NHS Trust
5. Sandwell and West Birmingham NHS Trust
6. South Warwickshire University NHS Foundation Trust
7. University Hospitals Birmingham NHS Foundation Trust
8. University Hospitals Coventry and Warwickshire NHS Trust
9. Walsall Healthcare NHS Trust

- West Midlands region
 - Herefordshire, Shropshire, Staffordshire, Warwickshire, West Midlands, Worcestershire
- NHS West Midlands region
 - 6 ICS – Birmingham and Solihull; Black Country; Coventry and Warwickshire; Herefordshire and Worcestershire; Shropshire, Telford and Wrekin; Staffordshire and Stoke on Trent.
 - 25 NHS Trusts



Image: TUBS,
https://commons.wikimedia.org/wiki/File:West_Midlands_in_England.svg, CC BY-SA 3.0
<https://creativecommons.org/licenses/by-sa/3.0/>, via
Wikimedia Commons

Connecting People with NHS Research

What People?

WMER is available openly on the internet without the need for a login. It can be used by:

- Staff
- Students
- Research Departments
- Public (researchers, students, patients etc.)
 - UK
 - International



Image: TUBS,
https://commons.wikimedia.org/wiki/File:West_Midlands_in_England.svg, CC BY-SA 3.0
<https://creativecommons.org/licenses/by-sa/3.0/>, via
Wikimedia Commons

- Index of our organisations' research outputs
- Metadata standards
 - Dublin Core
 - Rioxx fields
 - Bespoke fields for internal reporting
- Input by librarians or authors
 - PubMed Import
- Links out of WMER
 - Publisher
 - PubMed

Surgical approaches and applied anatomy of the wrist Export ▾

Author
Henning, Sarah
Weston, Matthew
David, Michael

Affiliation
University Hospitals Coventry and Warwickshire NHS Trust; South Warwickshire University NHS Foundation Trust

Publication date
2021-08-10

Subject
Orthopaedics
Surgery

Abstract
A familiarity with common approaches to the wrist and their associated anatomy is essential for any surgeon operating in this area. Such knowledge reduces the likelihood of iatrogenic injury to adjacent structures; enabling the surgeon to progress purposefully and with confidence through an operation, to reveal underlying pathology. Furthermore, it is a favourite topic for the fellowship examiner. This article provides a description of the common dorsal, volar, radial and ulnar approaches to the carpus and distal radius. Safe corridors for external fixation are also considered. Additionally, clinical pearls are included for each approach, to enable the surgeon to avoid common pitfalls.

Citation
Henning S, Weston M, David M. Surgical approaches and applied anatomy of the wrist. Orthopaedics and Trauma. 2021 Aug 1;35(4):174-9.

Type
Article

Handle
<http://hdl.handle.net/20.50014200/3639>

DOI
10.1016/j.jmporth.2021.05.001

Journal
Orthopaedics and Trauma

Publisher
Elsevier

Collections
Trauma and Orthopaedics

Metadata
Show full item record

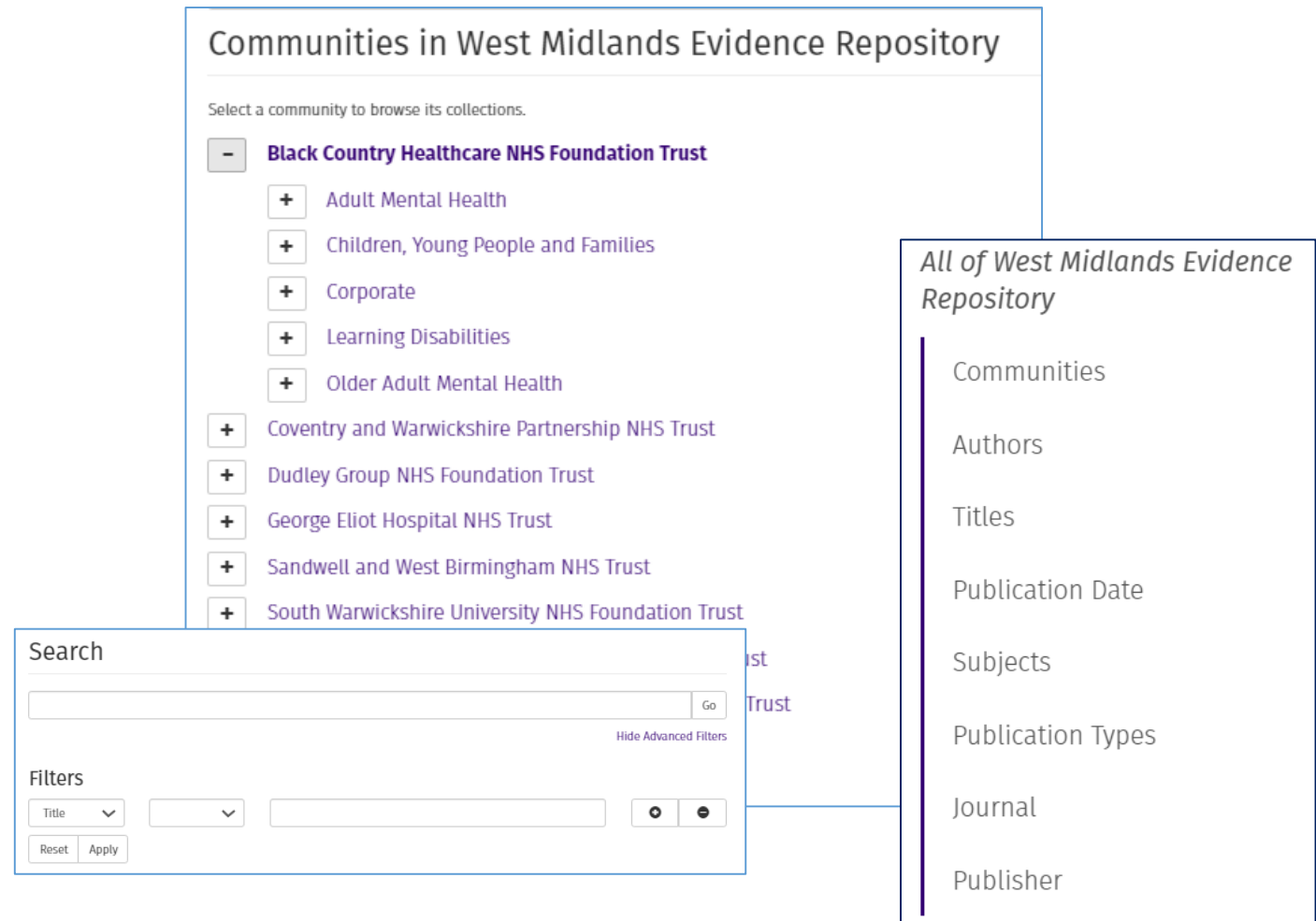
2
See more details
Posted by 2 X users
4 readers on Mendeley

Surgical approaches and applied anatomy of the wrist Export ▾

dc.contributor.author	Henning, Sarah	
dc.contributor.author	Weston, Matthew	
dc.contributor.author	David, Michael	
dc.date.accessioned	2024-02-09T16:34:29Z	
dc.date.available	2024-02-09T16:34:29Z	
dc.date.issued	2021-08-10	
dc.identifier.citation	Henning S, Weston M, David M. Surgical approaches and applied anatomy of the wrist. Orthopaedics and Trauma. 2021 Aug 1;35(4):174-9.	en_US
dc.identifier.issn	1877-1327	
dc.identifier.doi	10.1016/j.jmporth.2021.05.001	
dc.identifier.uri	http://hdl.handle.net/20.50014200/3639	
dc.description.abstract	A familiarity with common approaches to the wrist and their associated anatomy is essential for any surgeon operating in this area. Such knowledge reduces the likelihood of iatrogenic injury to adjacent structures; enabling the surgeon to progress purposefully and with confidence through an operation, to reveal underlying pathology. Furthermore, it is a favourite topic for the fellowship examiner. This article provides a description of the common dorsal, volar, radial and ulnar approaches to the carpus and distal radius. Safe corridors for external fixation are also considered. Additionally, clinical pearls are included for each approach, to enable the surgeon to avoid common pitfalls.	en_US

Searching WMER

- Search
 - keywords
 - by field
 - Wessex
 - within collections
- WMER structure
- Browse by fields
- Reports - internal



The screenshot displays the 'Communities in West Midlands Evidence Repository' page. At the top, it says 'Select a community to browse its collections.' Below this, a list of communities is shown, with 'Black Country Healthcare NHS Foundation Trust' selected and expanded. Underneath it, several sub-communities are listed with expandable icons: Adult Mental Health, Children, Young People and Families, Corporate, Learning Disabilities, and Older Adult Mental Health. Other communities listed include Coventry and Warwickshire Partnership NHS Trust, Dudley Group NHS Foundation Trust, George Eliot Hospital NHS Trust, Sandwell and West Birmingham NHS Trust, and South Warwickshire University NHS Foundation Trust.

At the bottom of the screenshot, a search interface is visible. It includes a search bar with a 'Go' button and a 'Hide Advanced Filters' link. Below the search bar is a 'Filters' section with a dropdown menu for 'Title', a text input field, and 'Reset' and 'Apply' buttons.

On the right side of the screenshot, a vertical sidebar titled 'All of West Midlands Evidence Repository' lists various search filters: Communities, Authors, Titles, Publication Date, Subjects, Publication Types, Journal, and Publisher.

- No pay wall or subscription
- Green or Gold Open access
- Author permission required
- Publisher conditions
 - Journals
 - Books
 - Other
- Sherpa Romeo
- Creative Commons
- Reviewed by librarians

The availability, cost, limitations, learning curve and future of robotic systems in urology and prostate cancer surgery Export



Name: The Availability, Cost, Limita ... Download

Size: 1.217Mb

Format: PDF

Description: Main article

Author
Hughes, Thomas 
Rai, Bhavan 
Madaan, Sanjeev 
Chedgy, Edmund
Somani, Bhaskar 

Affiliation
South Warwickshire University NHS Foundation Trust; Freeman Hospital; Dartford & Gravesham NHS Trust; University Hospital Southampton

Publication date
2023-03-15

Subject
Urology
Surgery

Abstract
Robot-assisted surgical systems (RASS) have revolutionised the management of many urological conditions over the last two decades with robot-assisted radical prostatectomy (RARP) now being considered by many to be the preferred surgical approach. Intuitive Surgical has dominated the market during this time period with successive iterations of the da Vinci model. The expiration of patents has opened the RASS market and several new contenders have become available or are currently in development. This comprehensive narrative review aims to explore the merits of each robotic system as well as the evidence and barriers to their use. The newly developed RASS have increased the versatility of robotic surgical systems to a wider range of settings through advancement in technology. The increased competition may result in an overall reduction in cost, broadening the accessibility of RASS. Learning curves and training remain a barrier to their use, but the situation appears to be improving through dedicated training programmes. Outcomes for RARP have been well investigated and tend to support improved early functional outcomes. Overall, the rapid developments in the field of robot-assisted surgery indicate the beginning of a promising new era to further enhance urological surgery.

Citation
Hughes T, Rai B, Madaan S, Chedgy E, Somani B. The Availability, Cost, Limitations, Learning Curve and Future of Robotic Systems in Urology and Prostate Cancer Surgery. J Clin Med. 2023 Mar 15;12(6):2268. doi: 10.3390/jcm12062268.

Type
Article

Handle
<http://hdl.handle.net/20.500.14200/792>

Additional Links
<http://www.ncbi.nlm.nih.gov/pmc/articles/pmc10053304/>

10
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33 readers on Mendeley

Metadata
Show full item record

- Grey Literature – What is it?
- Author permission
- Publisher permission (partners as well as organisation)
- NHS England desire to share
- But what should be shared?

Green Team Competition 2023 Impact Report for South Warwickshire University NHS Foundation Trust



Name: South Warwickshire - Impact ...
Size: 1.594Mb
Format: PDF
Description: Main report

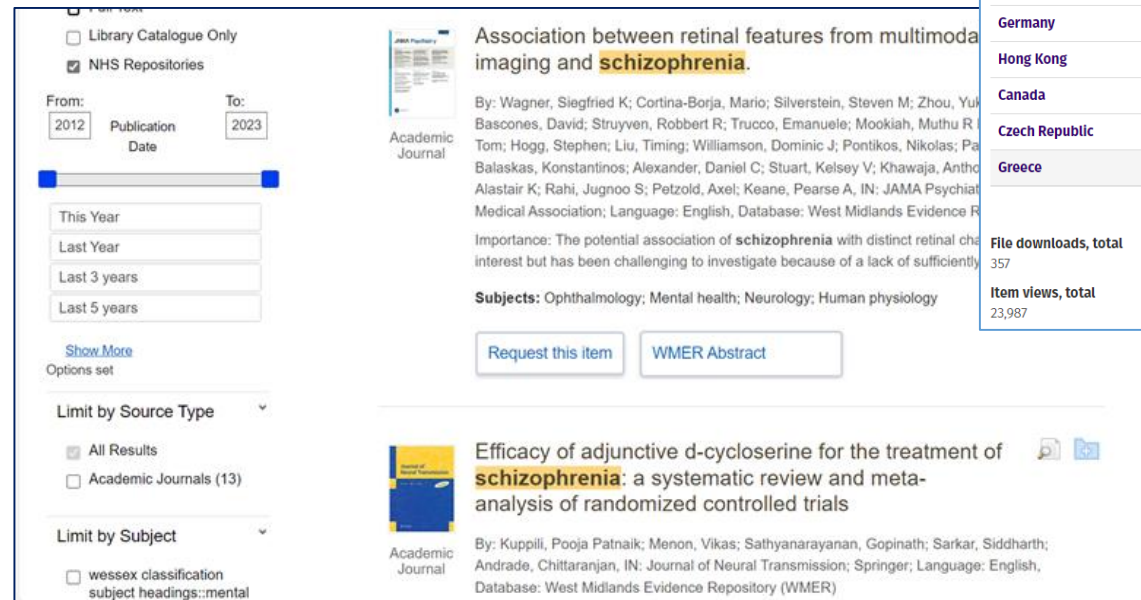
Author
 McLean, Rachel
 Wagstaff, Kathy
 Cooke, Abbie
 Turberfield, Gill
 Rani, Babitta
 Timms, Sandra
 Baker, Avril
 Compton, Nicola
 Franklin, Fiona
 Cross, Angela
 Show all

Affiliation
 South Warwickshire University NHS Foundation Trust

Abstract
 This report describes the six Green Team Projects undertaken in the 2023 competition at South Warwickshire University NHS Foundation Trust. The overall winning project was undertaken by the South Warwickshire University NHS Foundation Trust in partnership with Sustainable Healthcare. The winning project was undertaken by the team entitled Reducing routine blood testing. Overall the potential of providing annual savings to the Trust of £116,111. The projects described are: 1. Reducing continence products waste; 2. Improving the environmental impact of patients with diabetes; 3. Effect of reducing physiotherapy referrals from car promotion, physical activity and falls prevention, Physiotherapy, routine blood testing, Frailty and Care of the Elderly Wards; 4. Reducing low carbon alternatives in curette and cautery skin surgery; 5. Reducing Wastage in the Medicines Pathway, Pharmacy Technology and



- Indexed by Google
- Integrated into Knowledge and Library Hub
 - Metadata only
 - Full text



The screenshot shows a search results page with a left-hand sidebar for filtering. The main content area displays two search results. The first result is titled "Association between retinal features from multimodal imaging and schizophrenia" and includes author names, a journal cover, and a "Request this item" button. The second result is titled "Efficacy of adjunctive d-cycloserine for the treatment of schizophrenia: a systematic review and meta-analysis of randomized controlled trials" and also includes author names, a journal cover, and a "WMER Abstract" button.

Statistics by Country

Results/page: 10 results | Scope: Entire repository | Period: All time

Country	File downloads	Item views	Sum
United States	223	12,093	12,316
United Kingdom	89	8,896	8,985
Russia	9	229	238
India	8	94	102
Australia	4	472	476
Germany	4	69	73
Hong Kong	4	15	19
Canada	2	75	77
Czech Republic	2	6	8
Greece	2	13	15

File downloads, total: 357
Item views, total: 23,987

Why is this Important?

- Impact both academic and societal
- Increased use of research
 - Evidence-based practice
 - Not re-inventing the wheel
- Increased citations
- Increased reputation
- Accountability



Image from Pixabay

Connecting People with NHS Researchers

Who are NHS Researchers?

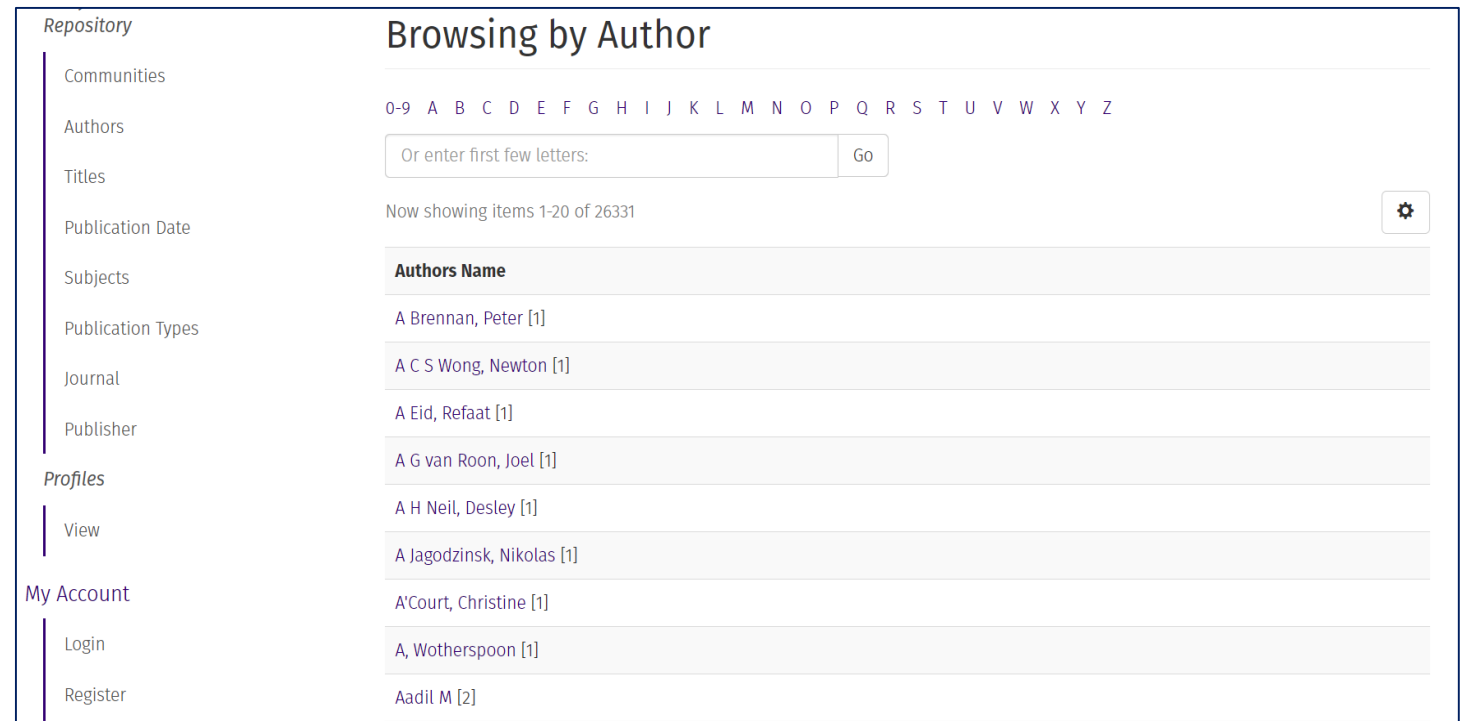
Difficulties in identifying them:

- No designated website or page
- NHS researchers can be anyone – unlike HE
- Research can vary in it's type – QI projects, clinical trials
- Not everyone becomes an author



Image from Pixabay

- Author field
- Collaborator field
- Organisation structure
- Author search
- Browsing by author
- ORCID
- Internal reporting fields



The screenshot shows the 'Browsing by Author' interface. On the left is a navigation menu with categories: Repository, Profiles, and My Account. Under 'Repository', there are links for Communities, Authors, Titles, Publication Date, Subjects, Publication Types, Journal, and Publisher. Under 'Profiles', there is a 'View' link. Under 'My Account', there are 'Login' and 'Register' links. The main content area is titled 'Browsing by Author' and features an alphabetical index (0-9 A B C D E F G H I J K L M N O P Q R S T U V W X Y Z). Below the index is a search input field with the placeholder 'Or enter first few letters:' and a 'Go' button. It indicates 'Now showing items 1-20 of 26331' and includes a settings gear icon. The list of authors is as follows:

Authors Name
A Brennan, Peter [1]
A C S Wong, Newton [1]
A Eid, Refaat [1]
A G van Roon, Joel [1]
A H Neil, Desley [1]
A Jagodzinski, Nikolas [1]
A'Court, Christine [1]
A, Wotherspoon [1]
Aadil M [2]

- Researcher Profiles

Kar, Nilamadhab



Biography

Prof Nilamadhab Kar is actively involved in mental health research along with clinical work. His research interests include stress-related mental disorders specifically posttraumatic stress disorder, suicide prevention, and clinical psychopharmacology. He has also conducted epidemiological work on mental health consequences following disasters. He is engaged in public education programmes in mental health. He has more than 300 scientific publications including articles, book chapters, and medical textbooks. His recent research highlights include unmet mental health needs of the survivors of disasters, validation of the quality of life scales in different languages to be used in psychiatric settings, the influence of lifestyle on metabolic syndrome in psychiatric patients, and mental health concerns of hyperthyroidism. Besides scientific articles, he also writes newspaper columns on mental health for public education. He is the editor of the Journal of Geriatric Care and Research and is on the editorial board of a few medical and literary journals. He is engaged in various charitable works through the Geriatric Care and Research Organisation (GerCaRe), which has received a national award from the Government of India. He is associated with the Quality of Life Research and Development Foundation and the Institute of Insight supporting health research and public education.

Contact Information

Google Scholar
Research Gate
LinkedIn
Sri Sri University

Fields of Specialization
Psychiatry

Degrees

Saravanan, Ponnusamy



Biography

Professor Saravanan is a Professor and Honorary Consultant Physician in Diabetes, Endocrinology & Metabolism at Warwick Medical School, University of Warwick & George Eliot Hospital, Nuneaton. He is the Lead for Diabetes division for the NIHR Clinical Research Network, West Midlands. He is the Founder-Director of International Doctoral Training Programme, which focuses on research capacity building activities in low- and middle-income countries. He splits his time equally between clinical and research activity. For the past 17 years, Prof Saravanan's main research focus is understanding the mechanisms and ethnic variations in 'programming of obesity and cardiometabolic disorders' as well as 'precision medicine'. He has published >130 peer reviewed articles and won several national and international awards. He passionately believes in 'primordial prevention' of metabolic disorders and approaches this by focusing on the health of young women and Gestational Diabetes (GDM). To address this, he has set up early pregnancy cohorts across the world (UK - PRIDE study, n=4746; STRIDE - India, n=3070; STRIDE - Kenya, n=4134; Malaysia - MAGIC, n=5200 and Thailand - TaRGET, n=4260). His team won the prestigious NHS Innovation award in 2015 for individualised diabetes management for South Asians in the UK. He is instrumental in fast-track adoption of newer therapies and technologies in diabetes locally, regionally, and nationally. During the Covid-19 pandemic he was instrumental in writing the new RCOG UK screening guidelines for GDM based on his work, which was adopted widely in the UK. He co-led the BABYSTEPs trial - an innovative, combined face-face and remote intervention in post-GDM women to improve their physical activity, in collaboration with University of Leicester. He is Editor-in-Chief for the RCP's journal, Clinical Medicine. He reviews grants and board member of research bodies nationally and internationally.

Eleftheriadou, Viktoria



Biography

Dr Viktoria Eleftheriadou is a Consultant Dermatologist and the Lead for the Vitiligo Clinical And Research Centre (Vitiligo CARE) for adult and paediatric patients at Walsall Healthcare & The Royal Wolverhampton NHS Trusts. Vitiligo CARE is a unique, national vitiligo research centre and centre of excellence in the heart of Midlands, where both research trials on innovative treatments for vitiligo is being conducted and treatments recommended by the BAD offered to patients under one roof. The centre offers opportunities to Dermatology Specialty Trainees, nurses and other healthcare professionals to get involved in national and international research projects and will increase participation in NIHR portfolio. Viktoria's research interests include pigmentary disorders, eczema, vitiligo, phototherapy, evidence-based dermatology, trials methodology, outcome measures and qualitative research. She completed her PhD at the Centre of Evidence Based Dermatology, University of Nottingham, which was NIHR funded and was awarded in 2013. Dr Eleftheriadou holds the following relevant roles: - Honorary Associate Professor with Institute of Applied Health Research of the University of Birmingham. - Section Editor for the British Journal of Dermatology, one of the top 3 Dermatology journals in the world. - Lead author for British Association of Dermatologists (BAD) guidelines for the management of vitiligo (2021). She has presented her work at national and international conferences and received invitations from the American Academy of Dermatology (AAD) and the European Academy of Dermatology and Venereology (EADV) to present her work at AAD and EADV Annual meetings. She frequently delivers lectures to Consultant Dermatologists, Associate Specialists in Dermatology and GPs. Currently, she is working on several national and international projects including an international observational study and registry for vitiligo patients (adults and children) (VIRTUAL-GLOBAL) and an international consensus on the definitions of the severity and relapses in vitiligo (INTERCEPT project). She is also the UK Chief Investigator for several trials and studies.

Contact Information

viktoria.eleftheriadou@nhs.net

Why is this Important?

- Raises profile of researchers
- Helps organisations identify their researchers
- Enables collaboration and connections
 - Internally
 - Locally
 - Nationally
 - Internationally
- Research culture



Image from Pixabay

Conclusion

- WMER represents a collaboration of organisations to provide access to their research across the West Midlands region. It includes nine organisations but is growing.
- WMER aims to connect both staff and students within our organisations and members of the public with our research, in metadata and full text formats.
- WMER aims to connect our staff and the public with our researchers.
- WMER aims to help further develop local and regional research cultures, raise the impact of the member organisations as research institutions, and further facilitate collaborative research across the region.

Any Questions?

Our contact details:

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Gavin.Moore@swft.nhs.uk

KLS Managers:

- Black Country Healthcare NHS Foundation Trust, Kal Dhandu, kal.dhandu@nhs.net
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- Dudley Group NHS Foundation Trust, Alison Huggan, a.huggan@nhs.net
- George Eliot Hospital NHS Trust & South Warwickshire University NHS Foundation Trust, Stephen Ayre, stephen.ayre@geh.nhs.uk
- Sandwell and West Birmingham NHS Trust, Preeti Puligari, preeti.puligari1@nhs.net
- University Hospitals Birmingham NHS Foundation Trust, Richard Parker, Richard.Parker2@uhb.nhs.uk
- University Hospital Coventry and Warwickshire NHS Trust, Imrana Ghumra, Imrana.Ghumra1@uhcw.nhs.uk
- Walsall Healthcare NHS Trust, Jacqui Watkeys, j.watkeys@nhs.net