Finding the Evidence

Database Searching and Other Information Sources
What seems to be the problem?

Your top frustrations with access to electronic resources
What Will Be Covered

▪ What resources are out there to support your research and practice
▪ What are point of care tools and how to use BMJ Best Practice
▪ How to search medical databases
▪ Open access research
▪ Useful apps
Current Climate
Topol Review

...Preparing the Healthcare Workforce to Deliver the Digital Future

Use case: Mental health triage bot: Speech recognition and natural language processing (NLP)

Patients with acute clinical concerns over their mental health often struggle to access services. Solution: An NLP-enabled mental health triage bot has been created, which analyses text and voice inputs for emotion and suicidal ideation and is to be built in to the GP IAPT pathway. Outcome: AI-powered bot is constantly available to patients and negates the need for travel. For clinicians, the bot saves approximately one hour of their time per patient.
Levels of Evidence
Scenario: You think there will be a guideline for X but your Trust doesn’t have one locally. Where do you go?
Evidence search

Search...

Make better, faster, evidence-based decisions.
NICE Evidence search finds selected, authoritative evidence in health, social care and public health.
OpenAthens and Shibboleth
Point of Care Tools

Also know as ‘clinical decision making tools’
What is a clinical decision making tool?

“Bringing together regularly updated research evidence with the knowledge of international experts, BMJ Best Practice is a clinical decision support tool that offers a step-by-step approach to help manage patient diagnosis, prognosis, treatment and prevention”
Why Use Them?

- **Speed** - being able to find answers quickly
- **Actionable** - Practical information for use at the point of care
- **Assurance** - Trusted clinical evidence, Important updates
- **Access** - able to access easily anywhere, anytime (offline via app)
Who Can Use It?

- Available to all NHS staff
Where can you find it?

- There may be an icon for it on your Trust desktops
- But you can always find it online, by searching or at:

  https://bestpractice.bmj.com/
Log in to Best Practice

Choose one of the access methods below to log in or take a look at our subscribe and free trial options.

If you have a Best Practice personal account, your own subscription or have registered for a free trial, log in here:

Email
aboukabache@bmj.com

Forgot password?

Password

If your hospital, university, trust or other institution provides access to Best Practice, log in via the appropriate link below:

OPEN ATHENS

SHIBBOLETH

LOG IN
The App

• **Its FREE**
• **You will need to set up a personal account before you download this**
• **Let’s download it now…**
Database Searching
Systematic Review Databases

- Cochrane Library
- The Database of Abstracts of Reviews of Effects (DARE) - NHS Centre for Reviews and Dissemination
- Epistemonikos – new multilingual database of Systematic Reviews based in Chile
Can antipsychotics be used to treat EUPD?
Boolean Searching

AND/OR/NOT
Search Tips:

Boolean searching: OR

There will always be more than one way to describe what you are trying to find. Different articles will use different terms so it is important to search for all the alternatives you can think of.

You can then use OR to combine all these different searches. Giving you one of your concepts: (psychosis OR psychoses OR psychotic)
Search Tips and Tricks

- **Phrase searching** – “mental health”, “frequent attender”
- **Truncation** – child*, psychiat*, schizo*
Healthcare Databases
Advanced Search (HDAS)

Access to Databases Provided by the NHS
Division of Labour

- Remember that some of this isn’t necessarily part of your workload
- Talk to your librarian
College Library Services
Open Access
The Future of Open Access

- Plan S is an Open Access initiative intended to make it mandatory for scientific research funded by public grants to be open access by 2021
Accessing Open Access Research

An open database of 23,993,235 free scholarly articles.

We harvest Open Access content from over 50,000 publishers and repositories, and make it easy to find, track, and use.

- www.unpaywall.org
Apps
BNF app

- Full access to all the information from the BNF and the BNFC
- Updated monthly
- Available offline
- Includes an interactions checker
NHS Apps Library

- A library of pre-appraised apps aimed at patients
- There are 20 mental health apps to choose from
- More apps are being added all the time

- **Bluelice**
  - This app helps young people manage their emotions and reduce urges to self-harm
  - Free

- **Calm Harm**
  - Reduce urges to self-harm and manage emotions in a more positive way
  - Free

- **Catch It**
  - Learn to manage negative thoughts and look at problems differently
  - Free

- **Chill Panda**
  - Using breathing techniques to help you relax more, worry less and feel better
  - Free
Questions?
Thanks for listening!

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