



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

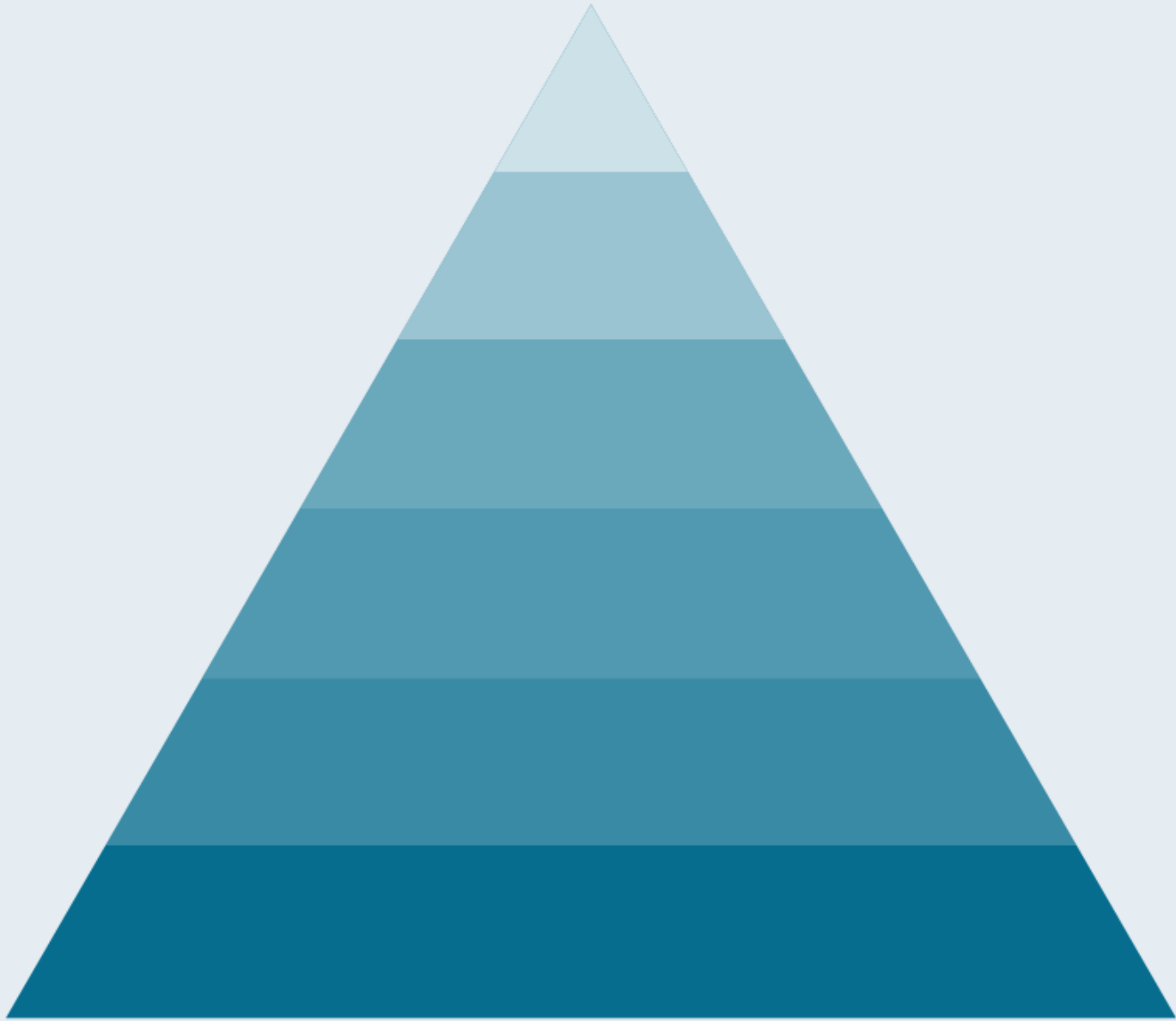
Topol Review

- *...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?



BMJ Best Practice

“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?

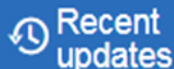
- **Available to all NHS staff**



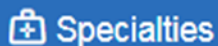
Where can you find it?

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

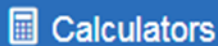
<https://bestpractice.bmj.com/>



Recent updates



Specialties



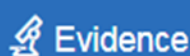
Calculators



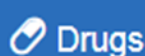
Patient leaflets



Procedural videos



Evidence



Drugs

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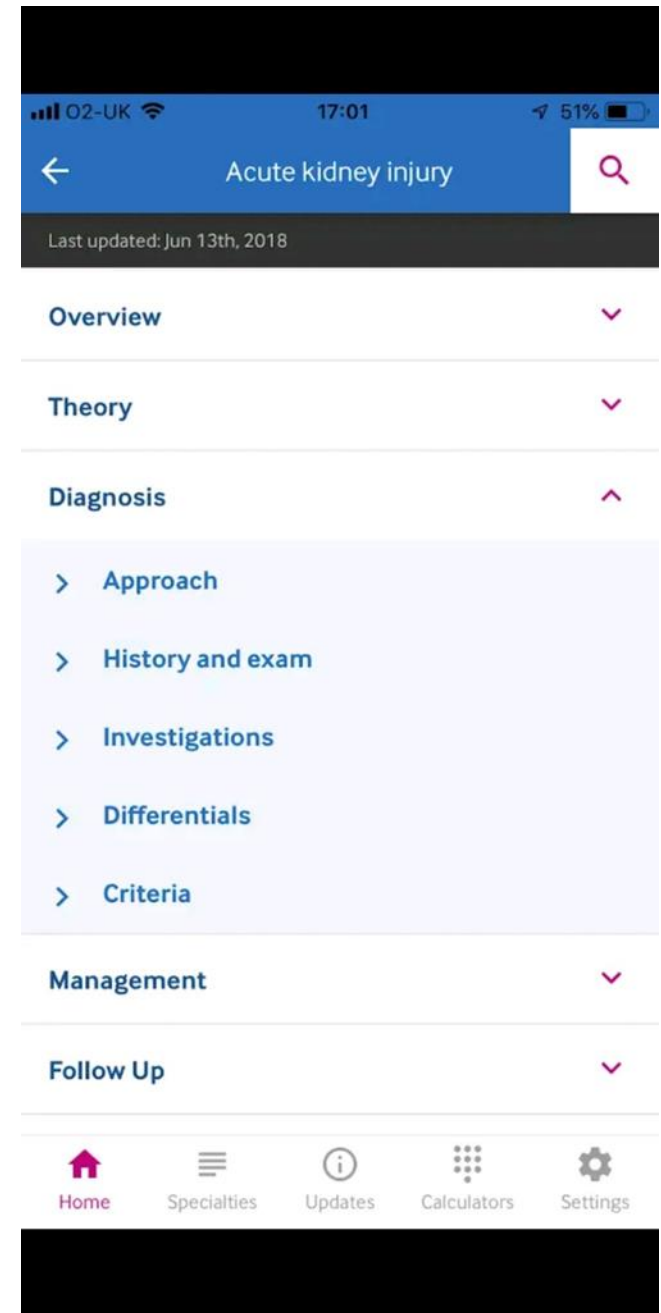
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The App

- 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

- **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**

Search Query

**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

Our resources



Library services



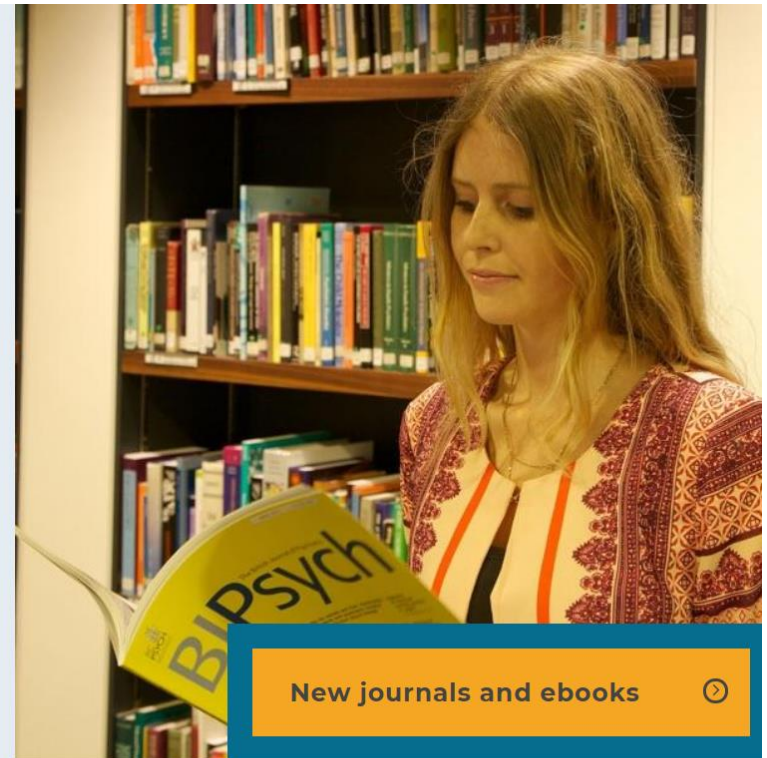
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The Future of Open Access



- 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.

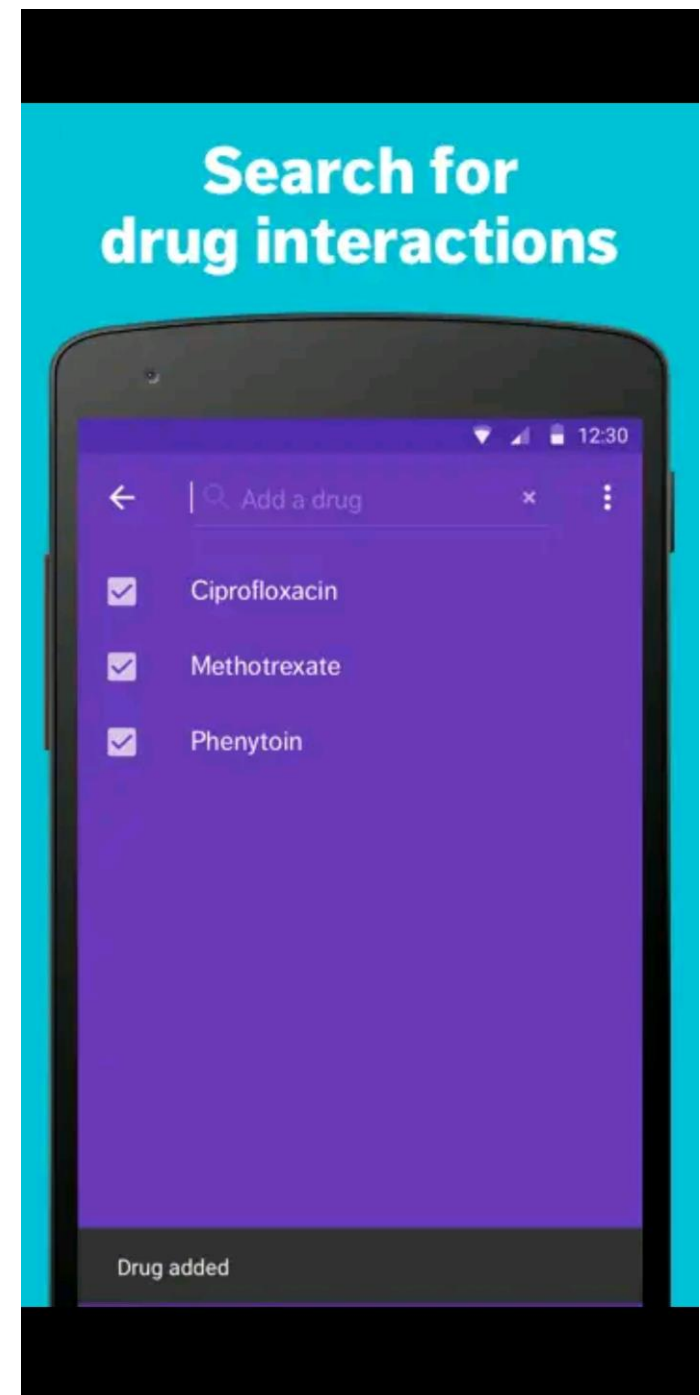
We harvest Open Access content from over 50,000 publishers and repositories, and make it easy to find, track, and use.

- 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



[BlueIce](#)

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](#)

Being tested in the NHS

Use breathing techniques to help you relax more, worry less and feel better

Free

Questions?

**Thanks for
listening!**

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