Clinical decision support across the NHS in England

bmj.com/hee

Funded by Health Education England, free to all NHS staff
BMJ Best Practice in England, the story so far

We are delighted to be working with Health Education England (HEE) to provide healthcare professionals with the latest and most relevant clinical information from BMJ Best Practice.

Since BMJ Best Practice became available to all NHS healthcare professionals in England, there have been an impressive 2 million page views and over 742,000 searches on the BMJ Best Practice website and app.

This year, healthcare professionals have been impacted greatly as a result of the coronavirus pandemic. BMJ Best Practice has responded to the rapidly evolving situation by providing ongoing support and access to the latest information on diagnosis and management of COVID-19.

This has been achieved by working in partnership with Health Education England, librarians, and clinical leads to support awareness-raising among NHS staff. We are grateful for your continued support.

NHS healthcare professionals are a core part of our user-centered development process. We have worked to ensure that BMJ Best Practice meets their needs at the point of care. This has led us to make some key improvements to the service over the past year. These include our new local guidance and Comorbidities tools, unique evidence tables, and more and better integration into electronic health records. We look forward to continuing to work with you to make further improvements over the next year. If you have any feedback about BMJ Best Practice, please do get in touch - we would be delighted to hear from you.

Dr Kieran Walsh
Clinical Director, BMJ

Top usage by Trust
April - August 2020

1. Sherwood Forest Hospitals NHS Foundation Trust
2. Leeds Teaching Hospitals NHS Trust
3. Manchester University NHS Foundation Trust
4. Cambridge University Hospitals NHS Foundation Trust
5. Brighton and Sussex University Hospitals NHS Trust
6. Chelsea and Westminster Hospital NHS Foundation Trust (West Middlesex Site)
7. University Hospitals Bristol NHS Foundation Trust
8. Imperial College Healthcare NHS Trust
9. Hull University Teaching Hospitals NHS Trust including HYMS
10. Gateshead Health NHS Foundation Trust
Top reasons to use BMJ Best Practice

BMJ Best Practice supports clinical decision making at the point of care with unique and trusted clinical information

**Access anywhere, anytime** with the award winning BMJ Best Practice app. Available both online and offline. Since April 2020 the app has had over 1.3 million page views and over 135,000 sessions.

**1,000 discrete topics covering over 11,000 differentials** are updated daily and cover diseases seen regularly in clinical practice as well as rare significant topics. Linked drug formularies provide quick access to detailed information on dosing, availability, formulations, side effects and contraindications in British National Formulary (BNF) and British National Formulary for Children (BNFc).

**Research is evidence-based** with over 65,000 embedded references and 6,500 national and international practice guidelines, including NICE guidance. Diagnostic and treatment guidelines help clearly differentiate opinion from evidence and quantify the difference in outcomes, including benefit and harms.

**Over 480 evidence-based patient leaflets** accredited by the Information Standard. Over 19,000 leaflets have been downloaded by users.

- The most popular leaflets to date include coronavirus, abdominal aortic aneurysm and back pain (lower back).
- **Over 25 procedural videos** covering the most common clinical procedures. These videos have been watched by NHS staff in England over 8,000 times since April 2019. The most popular videos are the animated demonstration of radial artery puncture and ascitic drainage.
- **250 interactive medical calculators** which have been used more than 6,000 times. The most commonly used calculator is abcd2 score to predict stroke risk after tia.
- **Automatic CME/CPD tracking** allows users to ensure ongoing professional development and easily provide evidence of activity. Over 7,000 certificates have been downloaded by NHS staff in England since April 2019.

---

**Top 10 topics viewed within England**  
**April - August 2020**

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>Coronavirus disease 2019 (COVID-19)</td>
</tr>
<tr>
<td>2.</td>
<td>Pulmonary embolism</td>
</tr>
<tr>
<td>3.</td>
<td>Acute pancreatitis</td>
</tr>
<tr>
<td>4.</td>
<td>Ischaemic stroke</td>
</tr>
<tr>
<td>5.</td>
<td>ST-elevation myocardial infarction</td>
</tr>
<tr>
<td>6.</td>
<td>Diabetic ketoacidosis</td>
</tr>
<tr>
<td>7.</td>
<td>Acute atrial fibrillation</td>
</tr>
<tr>
<td>8.</td>
<td>Crohn disease</td>
</tr>
<tr>
<td>9.</td>
<td>Cholecystitis</td>
</tr>
<tr>
<td>10.</td>
<td>Addison’s disease</td>
</tr>
</tbody>
</table>

---

Over 2 million page views
Latest BMJ Best Practice enhancements

Local guidance tool
Users now have the ability to click on links to local clinical guidance on specific topics. This enhancement ensures consistency of care and enables organisations to have a central place to link to local guidelines for healthcare professionals.

Evidence tables
Updated evidence tables based on GRADE, the international standard in guideline development. The tables give users quick answers to critical questions, with evidence that is easier to find, digest and action. There are now over 30 topics with at least one added GRADE evidence table, including: Depression in adults, Hepatitis B and Sepsis in children.

COVID-19 resources
BMJ Best Practice is supporting NHS healthcare professionals with the latest information on diagnosis and management of COVID-19, to help clinicians respond to the rapidly evolving situation. Free COVID-19 topics have been made available, as well as access to the latest news, comment, and research from BMJ. All available resources are updated daily.

Comorbidities tool
The new Comorbidities tool* allows users to consider a patient’s comorbidities when accessing treatment information on an acute topic, enabling healthcare professionals to quickly treat and stabilise patients with comorbidities. This means better clinical outcomes, shorter hospital stays and fewer readmissions.

Two Comorbidities topics (Acute exacerbation of COPD and COVID-19) have now been made accessible and free to use for all. To find out more about accessing the whole tool, visit bestpractice.bmj.com/info/comorbidities.

*The Comorbidities tool is not currently part of Health Education England’s subscription with BMJ Best Practice.

“BMJ Best Practice Comorbidities allows clinicians to look at the key focal diagnosis and see how to consider the other impacting conditions. This is why it’s important to promote BMJ Best Practice Comorbidities to junior doctors and Advanced Nurse Practitioners.”

Tim Mossad, Consultant in Emergency Medicine at Chesterfield Royal Hospital
Integrating the latest information into the clinical workflow

BMJ Best Practice can be integrated with your **Electronic Health Record (EHR) system** to deliver embedded evidence-based information to support the clinical decision-making of healthcare professionals at each stage of the patient workflow.

**We support all levels of integration including:**

**Search widget** - this allows users to search BMJ Best Practice topics and clinical information directly from the EHR system. This gives fast access to our trusted information from within the clinical workflow.

**HL7 infobutton** - this provides links to specific BMJ Best Practice topic pages from patients’ problems list in the Electronic Patient Record (EPR). The HL7 Infobutton is supported by major EHR vendors such as Epic, Cerner, and Allscripts; providing a straightforward option with no further EHR development work.

**Complete API integration** - this provides complete flexibility in how our clinical information is displayed within your EHR system.

If you would like to activate any of these options in your organisation, please contact [support@bmj.com](mailto:support@bmj.com).

“I found BMJ Best Practice to be very user friendly. The home page is easy to follow and read- not fussy, cluttered or crowded. The mobile app requires less storage space. Perfect point of care tool for nurses and doctors. Links available for more information. Videos are excellent.”

**Jasvinder Khaira**, Information Skills Nurse, East and North Hertfordshire NHS Trust

“Having access to BMJ Best Practice is an additional decision support tool, and information access point, which is invaluable in the developing specialist paramedic role.”

**Susanne Little**, Paramedic Practitioner, UK
App features and benefits

Fast access to clinical answers. Anywhere. With the BMJ Best Practice app.

- Fast download time
- Intuitive interface
- Minimal storage
- Trusted content
- Advanced search
- Available offline

4.8* App Store and Google Play rating

- “Excellent app; easy to follow and very informative”
- “Great app for both doctors, nurses and students alike”
- “Very pleased to have useful information at your fingertips; easy to navigate and well explained”
- “Excellent point of care application”
- “Very user friendly and has the most up-to-date handy information based on UK guidelines!”
- “Great reference guide. A must have from a reputable source”
- “One of the best knowledge resources. Easy and concise at your touch”
Training and engagement

Since April 2019, BMJ has trained over 1,800 librarians and healthcare professionals in England at grand rounds, online webinars and events. If you would like to speak to us about your training needs, please contact training@bmj.com.

Promotional resources

Don’t forget to download the latest promotional material including user guides, posters and postcards. Visit: bmj.com/company/hee

“BMJ Best Practice is really excellent whether at the bedside or A&E. It’s a really useful tool.”

Dr Pierre Berger, FY2 doctor, NHS Hospital Trust UK

“I can’t tell you how useful this tool is, especially as a new Foundation Doctor. Amazing news that it’s now free to all NHS staff in England!”

Raees Lunat, Foundation Doctor, UK

“I am so impressed about the accessibility, quality and layout... I am really enjoying using this and it will really help me look after my patients better.”

Anna-Marie Bell, Trainee Advanced Nurse Practitioner, UK

“I would recommend BMJ Best Practice to another hospital trust, because based on our findings, it has really good usage figures, people like it, it’s really easy to use and delivers value for money in comparison to alternatives.”

Patrick Glaister, Library and Information Specialist, The Northern Care Alliance NHS Group

“BMJ Best Practice is really excellent whether at the bedside or A&E. It’s a really useful tool.”

Dr Pierre Berger, FY2 doctor, NHS Hospital Trust UK

“I can’t tell you how useful this tool is, especially as a new Foundation Doctor. Amazing news that it’s now free to all NHS staff in England!”

Raees Lunat, Foundation Doctor, UK

“I am so impressed about the accessibility, quality and layout... I am really enjoying using this and it will really help me look after my patients better.”

Anna-Marie Bell, Trainee Advanced Nurse Practitioner, UK

“I would recommend BMJ Best Practice to another hospital trust, because based on our findings, it has really good usage figures, people like it, it’s really easy to use and delivers value for money in comparison to alternatives.”

Patrick Glaister, Library and Information Specialist, The Northern Care Alliance NHS Group

Your feedback is really important to us

We would like to work with you to raise awareness of BMJ Best Practice with healthcare professionals.

- Do you have feedback or an impact story?
- Would you like any of our training or engagement support?
- Is there a topic or patient information leaflet you’d like to see included?
- How can we help you raise awareness in your organisation?

Contact us: marketingsupport@bmj.com
Access steps - web and app

How to access

1. Visit bestpractice.bmj.com/nhsinengland
2. Enter your OpenAthens username and password and click ‘Sign in’*
3. If you are a new user, you will need to now register for a BMJ Best Practice personal account. Use your personal account to download the app for access anywhere, anytime, even offline.

*If you need help with your OpenAthens account or setting up BMJ Best Practice, contact your local NHS library or search hlisd.org for your local service.

Download the BMJ Best Practice app

Search for 'BMJ Best Practice’, click download and enter your personal account details to log in.

Our app works offline, so you can access clinical content wherever and whenever you like!

Visit BMJ Best Practice today

bmj.com/hee