Knowledge, Library and Information Service
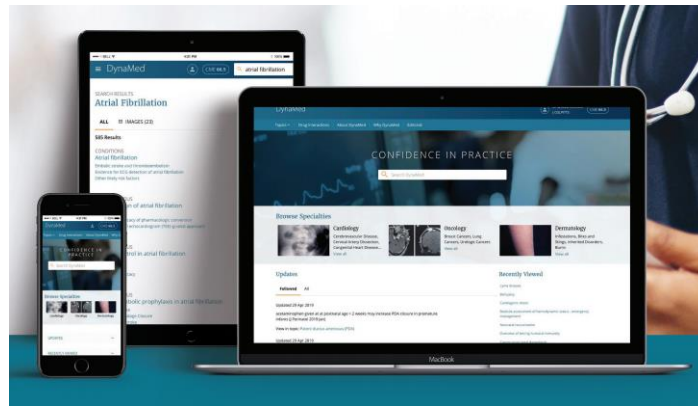
e-Resources Bite-Sized Guides:

DYNAMED

Where can I find it?

If you're using an NHS computer at DBTH, just click on the white "DMP" icon on your desktop. If your PC uses Windows 10, you may need to search for the Dynamed App, but either way, you shouldn't need to log into Athens.

However, if you're elsewhere – Yes: You'll need access to the internet & an NHS Open Athens account to log into your Athens Resources https://openathens.nice.org.uk

There's an App?

Yes – open Dynamed on a PC and click 'Sign in' over in the top right corner. Click 'Register now' to create a personal account. Download the app and log in using the account you set up. Choose whether to download the small, medium or full versions of the app.

What are the main features?

- The main idea is to help clinicians quickly view topics to get a summary and recommended actions at the point of care, based on the most current evidence.

- Users can easily see the level of evidence behind each recommendation.

- Each clinical topic is divided into 14 clearly marked sections, such as Overview, Epidemiology, History, Diagnosis, Management, etc.

- Also holds more than 4,700 searchable medical graphics and images.

How often is it updated?

Daily. In 2011 BMA research, DynamedPlus was updated faster than Clinical Evidence, EBMGuidelines, eMedicine, or UpToDate

How do I find my way around?

Navigation is mainly via the search bar.

Type in key terms, AutoComplete will provide suggestions as you type.

When you search, the results will be grouped into categories to help you find the section you need, eg information about a condition, treatment, images, drugs.

What might I not know about it?

- It has Clinical Calculators – see the button on the top left of the homepage, to help with Medical Equations, Decision Trees, Units and Dose Conversions.

- Drugs information - It features comprehensive drug content, and the 'International Formulary' links to the UK Electronic Medicines Compendium for Patient Information Leaflets (PILs) and Summaries of Product Characteristics (SPCs).

- Links to UK and international treatment guidelines within each topic, such as NICE, RCOG, SIGN, BSG, etc.

- Follow updates to topics – Click 'Sign in' & set up a Dynamed account. In a topic, click the + symbol to receive alerts when it's updated.

- It can cope with American or UK spellings, eg Haematoma or hematoma.

10 Quick Questions: (answers below)

1. Can you find information on the evidence for or against homeopathy in the treatment of asthma?

2. Can you find UK guidelines for managing Carpal Tunnel Syndrome?

3. What information is available for patients on Thoracic Aortic Dissection?

4. Should someone with Hypertrophic Cardiomyopathy take part in intense competitive sports? How firm is the evidence supporting this advice?

5. What is the normal range for body weight for a person 1.75m tall?

6. Chicken Pox – In the USA, what has happened to the incidence of varicella between 2005-2006 and 2013-2014

7. What's the elimination half-life of ibuprofen in adults?

8. Egg allergy – is there any evidence that maternal diet in pregnancy has any effect on preventing egg allergy in children?

9. In acute heart failure, what is the likely 1 year re-admission rate for hospitalised older patients?

10. A patient coming home from a recent holiday has suspected Zika infection, what other two tropical diseases should be considered too? Why?

10 Quick Answers:

1. Search for "Homeopathy asthma" to reach article "Homeopathy for asthma" - http://www.dynamed.com/topics/dmp~AN~T361016/Homeopathy-for-asthma

2. Carpal Tunnel Syndrome condition topic \ Guidelines & Resources \ United Kingdom guidelines:
   Royal College of Physicians 2009 guidelines for upper limb disorders - https://www.dynamed.com/condition/carpal-tunnel-syndrome#GUID-4EB373F4-CAE6-4401-A550-4A8CA26A53AD

3. Thoracic Aortic Dissection condition topic \ Patient Information:
   Several different information sheets are available for patients - https://www.dynamed.com/condition/thoracic-aortic-dissection#GUID-17ED8CBB-D1E8-49CB-8C71-756D3512972A

4. Hypertrophic Cardiomyopathy condition topic \ Management \ Activity:
   Not recommended, level C evidence = not research based, represents the consensus opinions of experts, case studies, or standard of care - https://www.dynamed.com/condition/hypertrophic-cardiomyopathy#ACTIVITY

5. No url available: Go to Dynamed homepage http://www.dynamed.com/
   Click Calculators button on top left, look for "Normal Range for Body Weight".
   1.75m tall = 61.25-76.56kg

6. Chickenpox condition topic \ Epidemiology:
   "Overall incidence of varicella declined by 84.6% between 2005-2006 (before the 2-dose recommendation) and 2013-2014"
   https://www.dynamed.com/condition/chickenpox#GUID-87D78E41-7EF6-4730-AA14-61038F4EDBE5

7. Ibuprofen topic \ Mechanism of Action \ Pharmacokinetics:
   Adults, 1.8 to 2.44 hours https://www.dynamed.com/drug-monograph/ibuprofen#GUID-3E1D31CD-4B7F-4925-BC28-BF20DAB77AB1

8. Egg allergy \ Prevention \ Maternal diet during pregnancy: General lack of evidence that maternal diet has any effect https://www.dynamed.com/condition/egg-allergy#MATERNAL_DIET_DURING_PREGNANCY_AND_LACTATION

9. Acute heart failure \ Complications and prognosis \ Prognosis \ Readmission risk:
   Approx 67% based on mid-level evidence
   https://www.dynamed.com/condition/acute-heart-failure#READMISSION_RISK

10. Zika Virus Infection condition topic \ Diagnosis \ Diagnosis:
    Dengue & Chikungunya – as symptoms and geographic distribution of these 3 illnesses overlap https://www.dynamed.com/condition/zika-virus-infection#MAKING_THE_DIAGNOSIS

For assistance with this or any other information resources, you can contact:

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