

Library Update

No.9, 24th May, 2021

PICO Portal – a new citation screening tool

Founded as a solution to address the growing need of fast-paced and high-quality research catalyzed by the COVID-19 pandemic, [PICO Portal](#) assists you with identifying relevant citations, deduplication, screening, full-text review, and evidence mapping in your systematic reviews.

The free individual license grants one project per user with unlimited citations, reviewers, and collaborators. The paid team license grants one research leader to run unlimited projects with unlimited citations, and unlimited reviews and collaborators assigned to each project.

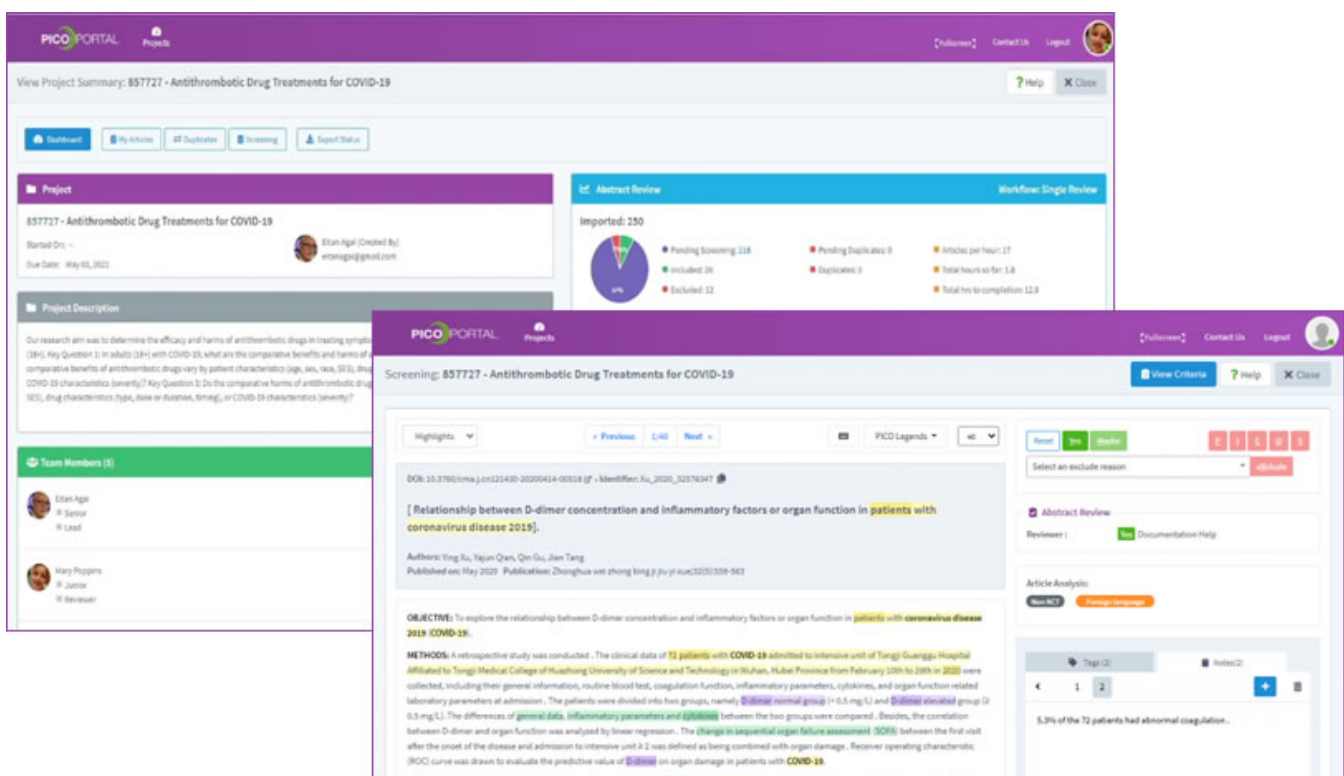
"PICOPortal is a new web-based tool for collaborative citation screening for systematic reviews. It features cutting-edge machine learning models that are integrated into an intuitive interface, thus combining the respective strengths

of existing commercial and academic citation screening tools. PICOPortal is designed to support a team's systematic review process through its entire life cycle; while maintaining an emphasis on academic rigor, workflow optimization and flexibility, and global collaboration. PICOPortal is free for academic users."¹

There is plenty of help to get you started

See PICO Portal [Support](#) for video overviews on screening, basic setup, tagging citations, and data extraction.

The PICO Portal [Wiki](#) provides more detailed information with topics such as: *Getting Started; Setup and Manage Projects (workflows), Invite Members; Upload Articles; Manage Tags; Screening and Review; and Data Extraction.*



1. Agai, E. (2020). [A new machine-learning powered tool to aid citation screening for evidence synthesis: PICOPortal'](#)

Library Update

Ovid Embase reload

Embase via Ovid was updated in April 2021 and now reflects the latest edition of Emtree (Embase's thesaurus). Emtree is updated three times a year.

Emtree has grown by 578 preferred terms (79 drug terms and 499 non-drug terms) bringing the total of preferred terms to 87328.

Some new drug terms:

- anti-SARS-CoV-2 agent
- anticoronavirus agent
- SARS-CoV-2 antibody
- SARS-CoV-2 vaccine

Some new non-drug terms:

- basic life support
- bicycle helmet
- bubble continuous positive airway pressure
- cloth mask
- face shield
- football helmet
- SARS coronavirus 2 test kit
- SARS-CoV-2 (clinical isolate)

Implications for Ovid Embase saved searches

1. Check all your personal saved searches on Ovid Embase to apply changes for the latest Emtree to ensure the terms are optimised to your needs.
2. Check the tree carefully for the *[Used for]* terms and date of entry.

[Contact the Library](#) to get help adjusting your saved searches.

Visualise this: the 3 major COVID-19 variants

As billions of people gear up for widespread vaccination against COVID-19, another issue has reared its head. Three major COVID-19 variants have emerged across the globe—and preliminary research suggests these variants may be cause for concern.

But what makes them different from the original strain?

[These visualizations](#) from [Visual Capitalist](#) answer some key questions, including when these variants were first discovered, how far they've spread worldwide, and most importantly, their potential impact on the population.

Wellbeing and appreciation events

- 2021 – [International Year of Health and Care Workers](#)
- 2021 – [International Year of Peace and Trust](#)
- May – [65 Roses Month \(cystic fibrosis\)](#)
- May 26 – [National Sorry Day](#)
- May 27 – [National Reconciliation Week](#)
- May 31 – [World No Tobacco Day](#)
- June 4 – [Crazy Socks for Docs Day](#)
- June 5 – [World Environment Day](#)
- June 7 – [World Food Safety Day](#)
- June 14 – [World Blood Donor Day](#)
- June 20 – [Refugee Week](#)
- June 21 – [Motor Neuron Disease Global Day](#)
- June 21 – [International Day of Yoga](#)
- July 4 – [NAIDOC Week](#)

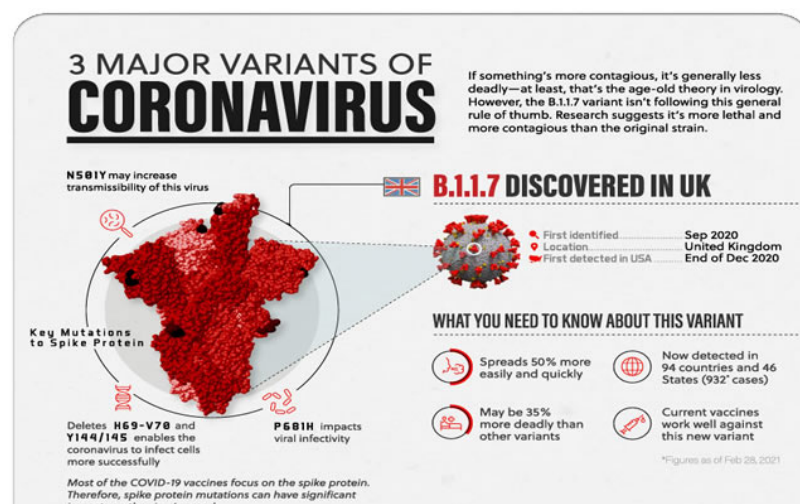
Calling nurses and allied health!

Get help with your CINAHL searching

Are you doing research using CINAHL? See our upcoming [Training sessions](#) specifically designed for nurses and allied health:

- Friday 28 May, 8:30 am
- Thursday 24 June, 9:00 am
- Friday 16 July, 12:00 pm

If you can't make it to one of these sessions [contact us](#) to arrange a group or individual session with a librarian.

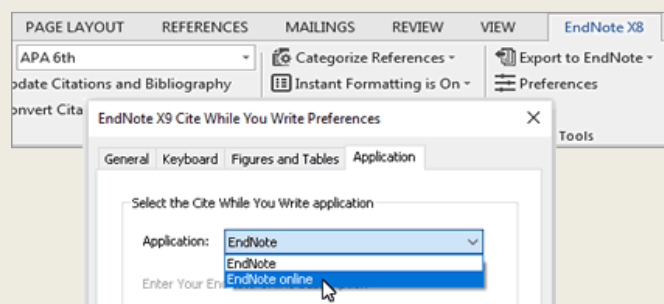


EndNote Tip: EndNote prompts you to log in when inserting references

If EndNote is prompting you to sign in when you are inserting references, then the CWYW feature in Word is connecting to EndNote online instead of EndNote desktop.

Switch back to EndNote desktop:

1. In Word, go to the EndNote toolbar and choose *Preferences*
2. Choose *EndNote* from the *Application* menu



BMJ Best Practice – latest updates

BMJ Best Practice brings a step-by-step approach to decision support. It is structured around the patient consultation, covering diagnosis, prognosis, treatment, and prevention.

We recommend this resource as an alternative to UpToDate.

Recently updated topics:

- [Assessment of anaemia](#)
- [Type 1 diabetes](#)
- [Acute asthma exacerbation in children](#)
- [Acute pharyngitis](#)
- [Acne vulgaris](#)
- [Management of coexisting conditions in the context of COVID-19](#)

[Download the BMJ Best Practice app](#) for access to BMJ's trusted clinical information, whenever and wherever you need it.

AIHW – latest reports

Acute rheumatic fever and rheumatic heart disease in Australia, 2015–2019

This report presents data from the National Rheumatic Heart Disease data collection, collated from the acute rheumatic fever (ARF) and rheumatic heart disease (RHD) registers in Queensland, Western Australia, South Australia

and the Northern Territory. New South Wales register data are also summarised.

ARF and RHD are preventable diseases affecting disadvantaged populations. This report shows that ARF rates increase with remoteness, and that rates are highest in Aboriginal and/or Torres Strait Islander Australians, females and in young people aged 5–14 years. [Read the report.](#)

Alcohol, tobacco & other drugs in Australia

The consumption of alcohol, tobacco and other drugs is a major cause of preventable disease, illness and death in Australia.

This report consolidates the most recent information on the availability and consumption of alcohol, tobacco and other drugs in Australia, and related impacts, harms and treatment.

[Read the report.](#)

Child protection Australia 2019–20

During 2019-20, 174,700 (31 per 1,000) Australian children received child protection services (investigation, care and protection order and/or were in out-of-home care). Aboriginal and Torres Strait Islander children were 8 times as likely as non-Indigenous children to have received child protection services.

Children from geographically remote areas were more likely to be the subject of a substantiation, or be in out-of-home care than those from major cities. Over 5,300 children were reunified with family during 2019–20. [Read the report.](#)

Cultural safety in health care for Indigenous Australians: monitoring framework

The Cultural safety in health care for Indigenous Australians: monitoring framework brings together available data to assess progress in achieving cultural safety in the health system for Indigenous Australians.

The framework includes measures on culturally respectful health care services; Indigenous patient experience of health care; and access to health care services. The data are presented at the national, state and regional levels. [Read the report.](#)

Mental health services in Australia

Mental health services in Australia (MHSA) provides a picture of the national response of the health and welfare service system to the mental health care needs of Australians. MHSA is updated progressively throughout each year as data becomes available. [Read the report.](#)

Health and Science News

- **The 60-year-old scientific screwup that helped covid kill:** All pandemic long, scientists brawled over how the virus spreads. Droplets! No, aerosols! At the heart of the fight was a teensy error with huge consequences. [Read more](#) [source: wired.com]
- **The pressure is on for Australia to accept the coronavirus really can spread in the air we breathe:** The role of airborne transmission has been denied for so long partly because expert groups that advise government have not included engineers, aerosol scientists, occupational hygienists and multidisciplinary environmental health experts. [Read more](#) [source: theconversation.com]
- **Adolescence is a window of opportunity for improving health literacy:** The *LifeLab* programme significantly increases young people's understanding of what it means to lead a healthy lifestyle. [Read more](#) [source: eurekaalert.org]
- **Hydrogel wound treatment kills antibiotic resistant bacteria:** Researchers have developed a nanostructured hydrogel, into which peptides are permanently bound, creating a protective environment. [Read more](#) [source: medgadget.com]
- **Testing tool can quickly distinguish between viral and bacterial infections:** Test can tell in under an hour whether antibiotics are warranted. [Read more](#) [source: sciencedaily.com]
- **Gene therapy offers potential cure to children born without an immune system:** Study shows treatment developed by international team restored immune function in more than 95% of patients in three clinical trials. [Read more](#) [source: eurekaalert.org]
- **More nurses lead to fewer patient deaths, shorter hospital stays, and cost-savings for hospitals:** The study suggests that savings made from shorter hospital stays and fewer readmissions were double the cost of hiring more staff. [Read more](#) [source: scimex.org]
- **Brisbane's Wesley Hospital cyber attack leaves staff struggling to communicate:** Patient saw staff grappling with a range of problems involving communications and patient records, and struggling with tasks as basic as inserting a canula. [Read more](#) [source: abc.net.au]
- **Nanotech improves cystic fibrosis antibiotic by 100,000-fold:** The new technology uses a biomimetic nanostructured material to augment Tobramycin, eradicating the infection in as little as two doses. [Read more](#) [source: scimex.org]
- **Forget throat swabs: Dutch company claims its breathalyzer can help sniff out COVID-19:** It isn't meant to definitively diagnose infection; instead it aims to rule it out in as many cases as possible. For the remainder, the test yields an "inconclusive". [Read more](#) [source: sciencemag.org]
- **Children, teens and COVID vaccines: where is the evidence at, and when will kids in Australia be eligible?:** COVID vaccines are currently not registered for use in children younger than 16 in Australia, but this prospect is getting closer. [Read more](#) [source: theconversation.com]
- **Immunocompromised pediatric patients showed T-cell activity and humoral immunity against SARS-CoV-2:** The new study is the first to demonstrate a robust T-cell response against SARS-CoV-2 in immunocompromised patients. [Read more](#) [source: eurekaalert.org]
- **Ear grommets are no better than antibiotics from stopping recurrent ear infections in young kids:** The study found that the rate of repeat infections was 1.48 per child over a two year period for grommets compared with 1.56 per child in those given antibiotics. [Read more](#) [source: scimex.org]
- **How COVID broke the evidence pipeline:** The pandemic stress-tested the way the world produces evidence — and revealed all the flaws. There's been "research waste at an unprecedented scale". [Read more](#) [source: nature.com]
- **Smartphone science: apps test and track infectious diseases:** The prevalence, power and portability of smartphones make them valuable tools for pathogen monitoring and citizen science. [Read more](#) [source: nature.com]
- **New innovation successfully treats neonatal hypothermia:** Researchers have developed the Dream Warmer, a low cost, reusable non-electric infant warmer to prevent and treat hypothermia. [Read more](#) [source: eurekaalert.org]
- **How bullying and obesity can affect girls' and boys' mental health:** Irrespective of gender, bullying is a considerably greater risk factor than overweight for developing depressive symptoms. [Read more](#) [source: eurekaalert.org]
- **Children's sleep and adenotonsillectomy: Realistic expectations for behaviour post-surgery:** Researchers say that while surgery can cure a child's snoring it doesn't change their aggressive and hyperactive daytime behaviour, despite common misconceptions by parents and doctors alike. [Read more](#) [source: scimex.org]

Library Update

1000 Library Facts: #291

Medline at the Library, then and now

Right now you can connect directly to Medline (the PubMed database) from any Library computer, or from your own computer at work or even from home. You can gain instant access to over 27 million journal references from over 5,200 scholarly journals in about 40 languages.

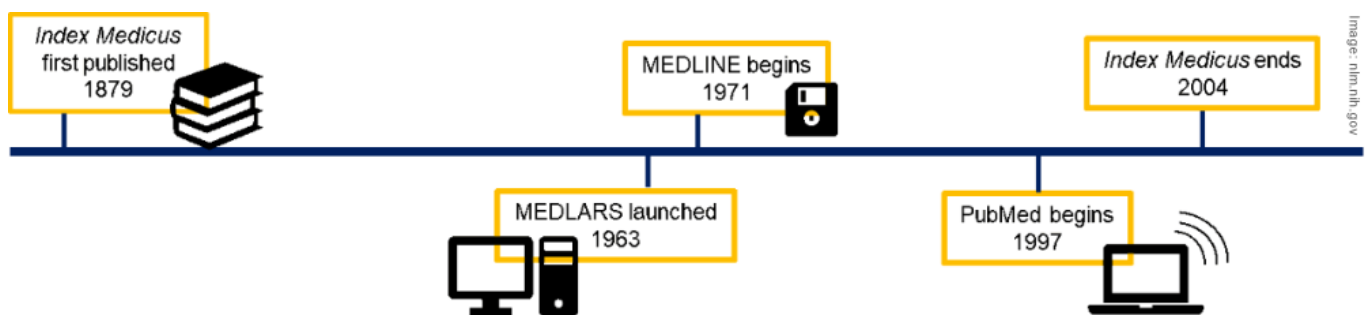
Access to full text articles is fast: we have over 10,000 [online journal titles](#), or [Document Delivery](#) will get you what we don't have overnight.

But it wasn't always like this.

The Library joined the *Australian Medline Network* in 1979, and began on-demand searches. These were performed through a single terminal in the Library, with the results arriving some days later by post, and selected articles also arriving by post several weeks later.

Prior to this, requests for searches went through the single terminal located at the Brownless Medical Library at Melbourne University and took a week just to process, before article selection and retrieval began.

This was actually a huge improvement on the system prior to that (MEDLARS) where requests took two weeks just to process!



CAMPUS PUBLICATIONS

Article titles are linked to full text where available, or to information about ordering documents. An [OpenAthens account](#) is required for remote access.

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Library Update

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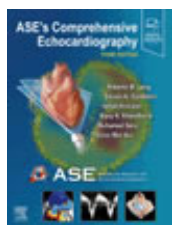
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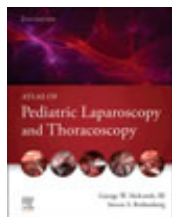
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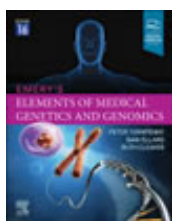


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