

Library Update

No.2, 7th March, 2022

Implementation Science Resource Directory

A curated implementation science resource for students, clinicians, and researchers to support health implementation efforts

The [Melbourne Academic Centre for Health \(MACH\)](#) is a joint venture between 19 full partners, including 10 Victorian healthcare providers, 8 independent medical research institutes and the University of Melbourne, with La Trobe University as an affiliate member.

MACH addresses current health challenges by delivering precision care tailored to the needs of patients, developing world-leading research into tomorrow's healthcare and nurturing future leaders of innovative care.

The directory is organised into 6 sections (tiles) that contain free tools and resources to help develop an implementation plan and to put it into action. These are categorised as: beginner, guide, video available or academic papers available. Select a tile to explore, and see related fields of study and useful references.



The screenshot shows the MACH Melbourne Academic Centre for Health website. The main heading is "Implementation Science Resource Directory". Below the heading is a description: "A curated implementation science resource for students, clinicians, and researchers to support health implementation efforts." There is a navigation bar with icons for [Beginner], [Guide], [Video Available], and [Academic Papers Available]. The main content area features six tiles:

- Planning tools and templates**: Implementation plan template, program logic models and checklists.
- Theories, models and frameworks**: A collection of key TMFs.
- Step-by-step guides to implementation research and practice**: From problem identification to implementation, scale-up, dissemination, evaluation and more.
- Resource hubs and key organisations**: A series of eHubs that bring together existing resources to a central location.
- Implementation science and related journals**: Journals that publish evidence relevant to implementation in health and community settings.
- MACH webinars**: Produced by the MACH Health Services Improvement and Implementation (HSII) committee.

Library Survey results

We have compiled the results of our November 2021 Library Survey

While the number of respondents was low, the overall feedback was very positive.

The majority of respondents gave the Library a satisfaction rating of 4 or 5 (out of a scale of 1-5). A high number agreed that the Library contributes to evidence based practice and to the quality of patient care, and that their learning and research needs are supported.

Respondents who attended a Training session or one-on-one consultation felt confident to utilise the skills learnt, would continue to access the resources and databases shown to them in the session, and agreed that it would save them time in their work.

From the top 10 list of performance factors, five came out on top of the most importance list. Not only are

these factors among the most important to clients, they are also being performed well:

- Library staff are approachable and helpful
- Library staff provide accurate answers to enquiries
- Online enquiry services (e.g. Ask a Librarian) meet my needs
- Library staff demonstrate the RCH Compact
- Library staff are readily available to assist me

Some comments from respondents include:

"very very valuable resource with excellent staff" ... "a credit to the institution" ... "central to my ability to provide high quality clinical care" ... "saved me and just about everyone in my group hours of time" ... "staff are always extremely helpful and knowledgeable"

Opportunities for improvement still exist, however, and we'll be looking at these in future developments.

Library Update

Library Training: coming sessions

Improve your literature searching skills at the Library

If you can't make it to the scheduled sessions, [contact us](#) to arrange individual or group sessions at a time that suits you. Charges apply for EndNote sessions only; all other Library training is free.

[See the Library website](#) for full session details.

Nursing & Allied Health..... Tue 15 Mar, 12:30 pm
Cochrane Library..... Wed 6 Apr, 9:00 am
EndNote Tutorial 1..... Fri 11 Mar, 10:00 am
EndNote Tutorial 2..... Fri 18 Mar, 10:00 am
EndNote Demonstration..... Wed 16 Mar, 3:00 pm
Finding the Evidence Mon 28 Mar, 12:00 pm
Introduction to the Library Mon 28 Mar, 12:00 pm
Ovid Medline Tue 5 Apr, 10:00 am
PubMed..... Mon 21 Mar, 10:00 am

EndNote Tip:

Share your EndNote library

You can share your entire library with up to 100 others using EndNote [X8](#) or [X9](#). In the latest version of EndNote 20 you can [share with up to 400 others](#). Everyone can add to, annotate and use the library at the same time, anywhere.

Sharing a desktop library includes sharing the PDF attachments. Additional share features in EndNote X9 and EndNote 20 mean you can share just a portion of your library, such as a Group, and can allow either *Read & Write* access or *Read Only* access.

You must have an [EndNote Online](#) account to share your library or to open a library that has been shared with you. You can sync and share a single library only, not multiple libraries.

The library that you share will be the one that you synced and can access online using either a web browser or the EndNote app for iPad.

To share a library:

1. [Sync it first](#).
2. Go to *File/Share* to invite others to share. Enter the email address that the sharee uses to sign into their EndNote Online account.



Wellbeing and appreciation events

- 2022 [International Year of Basic Sciences for Sustainable Development](#)
- Mar 3 [World Birth Defects Day](#)
- Mar 16 [Australian Healthcare Week](#)
- Mar 7 – [Clean Up Australia Day](#)
- Mar 8 – [International Women's Day](#)
- Mar 11 – [World Kidney Day](#)
- Mar 13 – [Coeliac Awareness Week](#)
- Mar 18 – [World Sleep Day](#)
- Mar 21 – [Harmony Week](#)
- Mar 25 – [National Ride2School Day](#)
- Mar 21 – [World Down Syndrome Day](#)
- Mar 22 – [World Water Day](#)
- Mar 24 – [World TB Day](#)
- Mar 26 – [Earth Hour](#)
- Mar 26 – [Purple Day \(Epilepsy\)](#)
- Mar 27 – [Neighbour Day](#)

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.

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

Recently updated topics:

- [Asthma in children](#)
- [Charcot-Marie-Tooth disease](#)
- [Coronavirus disease 2019 \(COVID-19\)](#)
- [Eczema](#)
- [Eustachian tube dysfunction](#)
- [Medulloblastoma](#)
- [Premature newborn care](#)
- [Retinitis pigmentosa](#)

The Cochrane Library: new items

Access

Select *Cochrane Library* from the Library's list of [databases](#), and just start searching.

A registered login allows you to save search histories for future use. Go to *Advanced Search* to log in or register for an account.

Recently added items

Special Collections

- Coronavirus (COVID-19): evidence relevant to critical care. [Read now](#)
- Coronavirus (COVID-19): infection control and prevention measures. [Read now](#)
- Coronavirus (COVID-19): support for wellbeing in the healthcare workforce. [Read now](#)
- Influenza: evidence from Cochrane Reviews. [Read now](#)

New Cochrane Database of Systematic Reviews

- Antibiotic therapy for chronic infection with *Burkholderia cepacia* complex in people with cystic fibrosis. [Read now](#)
- Antibiotics for treatment of sore throat in children and adults. [Read now](#)
- Autogenic drainage for airway clearance in cystic fibrosis. [Read now](#)
- Continuous glucose monitoring for the prevention of morbidity and mortality in preterm infants. [Read now](#)
- Continuous glucose monitoring systems for monitoring cystic fibrosis-related diabetes. [Read now](#)
- Cuffed versus uncuffed endotracheal tubes for neonates. [Read now](#)
- Delayed introduction of progressive enteral feeds to prevent necrotising enterocolitis in very low birth weight infants. [Read now](#)
- Foot orthoses for treating paediatric flat feet. [Read now](#)
- Interventions for preventing distal intestinal obstruction syndrome (DIOS) in cystic fibrosis. [Read now](#)
- Interventions for promoting the eruption of palatally displaced permanent canine teeth, without the need for surgical exposure, in children aged 9 to 14 years. [Read now](#)
- Interventions for the management of abdominal pain in Crohn's disease and inflammatory bowel disease. [Read now](#)
- Interventions for treating distal intestinal obstruction syndrome (DIOS) in cystic fibrosis. [Read now](#)
- Late (≥ 7 days) systemic postnatal corticosteroids for prevention of bronchopulmonary dysplasia in preterm infants. [Read now](#)

- Macrolides versus placebo for chronic asthma. [Read now](#)
- Magnetic resonance imaging (MRI) for diagnosis of acute appendicitis. [Read now](#)
- Measures implemented in the school setting to contain the COVID-19 pandemic. [Read now](#)
- Nasal continuous positive airway pressure levels for the prevention of morbidity and mortality in preterm infants. [Read now](#)
- Non-corticosteroid adjuvant therapies for acute bacterial meningitis. [Read now](#)
- Orthodontic treatment for crowded teeth in children. [Read now](#)
- Palivizumab for preventing severe respiratory syncytial virus (RSV) infection in children. [Read now](#)
- Parenteral versus enteral fluid therapy for children hospitalised with bronchiolitis. [Read now](#)
- Peer support interventions for parents and carers of children with complex needs. [Read now](#)
- Topiramate for juvenile myoclonic epilepsy. [Read now](#)
- Vaccines for measles, mumps, rubella, and varicella in children. [Read now](#)
- Vaccines for preventing rotavirus diarrhoea: vaccines in use. [Read now](#)
- Vitamin C supplementation for prevention and treatment of pneumonia. [Read now](#)

Withdrawn Cochrane Database of Systematic Reviews

- Interventions for tobacco use prevention in Indigenous youth. [Read now](#)

New Protocols

- Dose reduction and discontinuation of disease-modifying anti-rheumatic drugs (DMARDs) for juvenile idiopathic arthritis. [Read now](#)
- Enteral lipid supplements for the prevention and treatment of parenteral nutrition-associated liver disease in infants. [Read now](#)
- Non-invasive respiratory support in preterm infants as primary mode: a network meta-analysis. [Read now](#)
- Opioids for procedural pain in neonates. [Read now](#)
- Psychological and educational interventions for managing eczema. [Read now](#)
- Systemic pharmacological treatments for acne: an overview of systematic reviews. [Read now](#)
- Topical, light-based, and complementary interventions for acne: an overview of systematic reviews. [Read now](#)

Get help ...

See our [Fact Sheet](#), sign up for some [Training at the Library](#), or [contact us](#).

Library Update

Ovid Medline global reload for 2022 is complete

Medline via Ovid has now been updated with the 2022 edition of MeSH (Medical Subject Headings) from the National Library of Medicine.

MeSH in 2022 includes 277 new terms, and 24 were changed or deleted and replaced with more current terminology. [View a complete list of new headings.](#)

Implications for Ovid Medline saved searches

Check all your personal saved searches on Ovid Medline to apply changes for the 2022 MeSH.

Add new terms and replace moved/deleted terms with up-to-date terminology.

Check the Scope Note for each MeSH term carefully for the definition, year of entry and previous indexing terms.

Implications for searches in PubMed and The Cochrane Library

PubMed and The Cochrane Library both use the MeSH thesaurus. Search lines containing thesaurus terms in must be checked and updated with the current version of MeSH.

[Contact us](#) for help adjusting your saved searches.

Some interesting new headings

Access to Healthy Foods	Hospital to Home Transition	Predatory Journals as Topic
Aquatic Therapy	Housing Instability	Prolonged Grief Disorder
Biosecurity	Housing Quality	Psychological First Aid
Birth Cohort	Information Avoidance	Sleep Quality
Child Poverty	Intestinal Failure	Social Cohesion
Community Support	Low Value Care	Social Deprivation
Disability-Adjusted Life Years	Mass Gatherings	Social Integration
Disinformation	Medication Review	Social Status
Economic Stability	Mentalization-Based Therapy	Social Structure
Ethnic and Racial Minorities	Microaggression	Social Vulnerability
Fibroblast Growth Factor-23	mRNA Vaccines	Sociodemographic Factors
Gaslighting	Ostracism	Systemic Racism
Genomic Medicine	Overdiagnosis	Technology Addiction
Health Inequities	Overtreatment	Vaccination Hesitancy
Healthy Life Expectancy	Oxygen Saturation	Vaccine Development
Home Environment	Perceived Discrimination	Vaccine Efficacy

Commonly used terms that must be replaced

Current term	Replace with
African Continental Ancestry Group	→ Blacks
American Natives	→ American Indians or Alaskan Natives
Asian Continental Ancestry Groups	→ Asians
Continental Population Group	→ Racial Groups
Ethnic Groups	→ Ethnicity
European Continental Ancestry Group	→ Whites
Hispanic Americans	→ Hispanic or Latino
Iron/deficiency	→ Iron Deficiencies
Oceanic Ancestry Group	→ Native Hawaiian or Other Pacific Islander
Shoulder Joint/injuries	→ Shoulder Injuries
Translational Medical Research	→ Translational Research, Biomedical

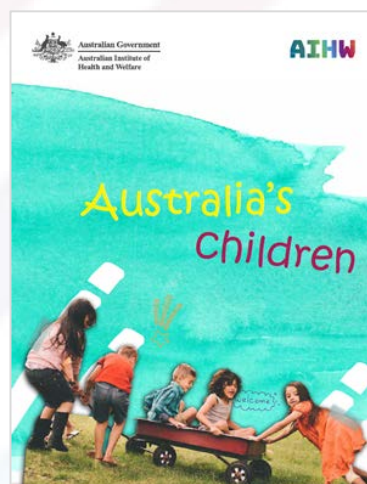
AIHW: latest reports

Australia's children data update for 2022

[Australia's children](#) gives a comprehensive overview of the wellbeing of children living in Australia. It brings together the latest available data on a wide range of topics and builds on previous Australian Institute for Health and Welfare (AIHW) reporting about children.

Australia's children includes information on a range of topics, relevant to each of the 7 domains of the AIHW people-centred data model—health, education, social support, household income and finance, parental employment, housing and justice and safety.

Each topic area in this report outlines the importance of the subject to child wellbeing, and present data on established measures over time, and for particular priority population groups, wherever possible. International comparisons are given where available.



Aboriginal and Torres Strait Islander specific primary health care: results from the nKPI and OSR collections

[This report](#) contains information on organisations funded by the Australian Government under its Indigenous Australians' Health Programme (IAHP) to deliver culturally appropriate primary health care services to Aboriginal and Torres Strait Islander people is available through two data collections—the Online Services Report (OSR); and the national Key Performance Indicators (nKPI).

Health Expenditure Australia 2019-20

Regular reporting of [national health expenditure](#) is vital to understanding the health system and its relationship to the economy as a whole. In 2019–20:

- total health spending was \$202.5 billion, equating to \$7,926 per person
- health spending increased by 1.8% in real terms, which was lower than the decade average of 3.4%
- in the first year of COVID-19, government health spending increased faster while non-government spending reduced compared to previous years.

Australian Healthcare Week 2022

[Australian Healthcare Week](#) is the nation's exclusive healthcare hub - the only space bringing the entire healthcare ecosystem under one roof. It takes place in Sydney on 16 - 17 March 2022.

In its 11th year, Australian Healthcare Week will unite health services to achieve inter-disciplinary collaboration and standardised care across hospital design and development, digital health, aged care, nursing, workforce, health informatics and patient experience.

See the [expo show guide](#) and [register](#) for free.

Incidence of insulin-treated diabetes in Australia

The Incidence of [insulin-treated diabetes in Australia](#) web report presents the latest available data on new cases of type 1 diabetes and insulin-treated type 2 diabetes. It is part of the ongoing national reporting using the National (insulin-treated) Diabetes Register (NDR). The NDR is a linked data set, which includes data from the:

- National Diabetes Services Scheme (NDSS)
- Australasian Paediatric Endocrine Group (APEG)
- National Death Index.

The data are presented by age, sex, trends, population groups and geographic areas.

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.

Are you getting your Ovid AutoAlerts as usual?

Your *AutoAlert* (SDI) from Ovid databases (Medline, Embase, APA PsycInfo, Emcare, Nursing) comes from ***@amazonse.com**.

If you included a campus email address in your Ovid account, your alerts may not be getting to your inbox due to filtering at the network level.

If you haven't received alerts recently that you were expecting, contact IT at RCH or MCRI and ask that this domain to be whitelisted for you.

Health and Science News

You can keep your hat on (in the MRI): If I told you an MRI revolution was coming, you probably wouldn't expect it to come dressed like this.

[Read more](#) [medicalrepublic.com.au]



- **Pandemics disable people — the history lesson that policymakers ignore:** Influenza, polio and more have shown that infections can change lives even decades later. Why the complacency over possible long-term effects of COVID-19? [Read more](#) [nature.com]
- **Geneticists find clues to sudden unexplained child deaths:** In some mysterious cases, sequencing reveals mutations linked to seizures and arrhythmias. [Read more](#) [science.org]
- **Junior doctors are still being bullied:** Medical Board of Australia survey results show 35 per cent of junior doctors saw or experienced bullying, harassment or discrimination. [Read more](#) [healthtimes.com.au]
- **The brain's reading of the body's state is key to mental health:** Different bodily experiences associated with certain mental health disorders might not come directly from what's happening in the stomach, heart or other internal organ, but rather from how the brain interprets and processes the signals arising from those organs. [Read more](#) [psyche.co]
- **Largest bacterium ever discovered has an unexpectedly complex cell:** A newly discovered bacterium, *Thiomargarita magnifica*, challenges the definition of a microbe: its filament-like single cell is up to 2 centimetres long. [Read more](#) [science.org]
- **Two treatments discovered that can induce peanut allergy remission in children:** Both treatments significantly improved quality of life at 12 months post treatment compared with the current standard of care which is peanut avoidance. [Read more](#) [scimex.org]
- **Scientists deliberately gave people COVID — here's what they learnt:** Such trials present a unique opportunity to study viral infections in detail from start to finish, but are controversial because of the risks they pose to participants. [Read more](#) [nature.com]
- **The six ways nasal RATs can fail:** Ultimately, any one of these factors, or a combination thereof, could lead to a false or invalid result. [Read more](#) [healthtimes.com.au]
- **Treatment centre in a box and other new ideas:** WHO and WFP's INITIATE² looks for rapid solutions for emergency response. [Read more](#) [who.int]
- **Worrying numbers of older children having energy drinks regularly:** Up to a third of UK children - mostly young teens - consume at least one energy drink a week, while some are having them almost daily, new research suggests. [Read more](#) [bbc.com]
- **Does Omicron hit kids harder? Scientists are trying to find out:** Children are making up a larger proportion of patients hospitalized with COVID than in previous infection waves. [Read more](#) [nature.com]
- **Child asthma cases linked to cities' dirty air:** Researchers say it is the first study to estimate the global burden of asthma cases in children resulting from NO₂ emissions in more than 13,000 cities. [Read more](#) [scidev.net]
- **A faster way to find good medical treatments is gaining ground:** APTs involve frequent analyses of the accumulating data so the trial can swiftly evolve in response to interim results. [Read more](#) [scientificamerican.com]
- **What the Omicron wave is revealing about human immunity:** Immunologists have raced to work out how to protect against multiple variants of SARS-CoV-2. Their research has yielded a wealth of insights and a few surprises. [Read more](#) [nature.com]
- **More than 5 million children have lost a parent or caregiver to COVID-19:** Over six months in 2021, the number of children who experienced such loss almost doubled. [Read more](#) [sciencenews.org]
- **World's nations start to hammer out first global treaty on plastic pollution:** Almost 200 countries convene to draw up a blueprint for the first-ever global agreement on plastic pollution. [Read more](#) [science.org]
- **Virtual games, real injuries:** Many of the more physically focussed interactive games require the type of bodily exertions encountered in the real world, with the inevitable consequences. [Read more](#) [medicalrepublic.com.au]
- **Covid-19: Omicron variant is linked to steep rise in hospital admissions of very young children:** The data show that the proportion of children admitted to hospital with covid-19 who were aged under 1 was 42.2% in the period studied, much higher than earlier in the pandemic. [Read more](#) [bmj.com]

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.

- Albesher, R.A., Spittle, A.J., Dobson, F.L., Mentiplay, B.F., FitzGerald, T.L., Cameron, K.L., Zannino, D., Josev, E.K., Doyle, L.W., Cheong, J.L.Y. and McGinley, J.L.** [Victorian Infant Brain Studies, Clinical Sciences, Clinical Epidemiology and Biostatistics Unit, Neurodisability and Rehabilitation, Murdoch Children's Research Institute; Royal Children's Hospital; Department of Paediatrics, University of Melbourne, Flemington Road, Parkville, Vic., Australia.], 'Spatiotemporal gait variables and step-to-step variability in preschool-aged children born < 30 weeks' gestation and at term in preferred speed, dual-task paradigm, and tandem walking', [Gait and Posture 2021; vol.92, pp.236-242](#)
- Alhucema, P., Smart, J. and Mehr, S.** [Royal Children's Hospital, Flemington Road, Parkville, Vic., Australia.], 'Are infants more at risk during sesame challenges?', [Internal Medicine Journal 2021; vol.51\(Suppl. 4\), pp.8](#)
- Alvarez-Romero, J., Laguette, M.J.N., Seale, K., Jacques, M., Voisin, S., Hiam, D., Feller, J.A., Tirosh, O., Miyamoto-Mikami, E., Kumagai, H., Kikuchi, N., Kamiya, N., Fuku, N., Collins, M., September, A.V. and Eynon, N.** [Murdoch Children's Research Institute, Parkville, Vic., Australia.], 'Genetic variants within the COL5A1 gene are associated with ligament injuries in physically active populations from Australia, South Africa, and Japan', [European Journal of Sport Science 2021; 25 Nov \[Epub ahead of print\] \(full text via Document Delivery\)](#)
- Analytis, P., Warren, N., Crichton, A., Knight, S. and Ponsford, J.** [Neurodisability and Rehabilitation, Murdoch Children's Research Institute; Department of Paediatrics, University of Melbourne; Victorian Paediatric Rehabilitation Service, Royal Children's Hospital, Flemington Road, Parkville, Vic., Australia.], 'Coping and wellbeing in families with a child with acquired brain injury compared with families in the community', [Disability and Rehabilitation 2021; 03 Dec \[Epub ahead of print\] \(full text via Document Delivery\)](#)
- Arkwright, P.D. and Koplin, J.J.** [Centre for Food & Allergy Research, Murdoch Children's Research Institute; Department of Paediatrics, University of Melbourne, Parkville, Vic., Australia.], 'Striving for evidence-based management of food allergies', [Journal of Allergy and Clinical Immunology: In Practice 2022; vol.10\(1\), pp.56-58](#)
- Balia, C., Carucci, S., Milone, A., Romaniello, R., Valente, E., Donno, F., Montesanto, A., Brovedani, P., Masi, G., Glennon, J.C., Coghill, D., Zuddas, A. and the Matrics Consortium.** [Murdoch Children's Research Institute; Departments of Paediatrics, University of Melbourne, Parkville, Vic., Australia.], 'Neuropsychological characterization of aggressive behavior in children and adolescents with cd/odd and effects of single doses of medications: the protocol of the matrics_wp6-1 study', [Brain Sciences 2021; vol.11\(12\), article no. 1639](#)
- Batchelor, M., Brown, S.J., Glover, K. and Gartland, D.** [Intergenerational Health Department, Murdoch Children's Research Institute; Department of Paediatrics, University of Melbourne, Parkville, Vic., Australia.], 'A systematic review of child health and developmental outcomes associated with low birthweight and/or small for gestational age in Indigenous children from Australia, Canada and New Zealand', [International Journal of Environmental Research and Public Health 2021; vol.18\(23\), article no. 12669](#)
- Bediaga, N.G., Garnham, A.L., Naselli, G., Bandala-Sanchez, E., Stone, N.L., Cobb, J., Harbison, J.E., Wentworth, J.M., Ziegler, A.G., Couper, J.J., Smyth, G.K. and Harrison, L.C.** [Murdoch Children's Research Institute, Parkville, Vic., Australia.], 'Cytotoxicity-related gene expression and chromatin accessibility define a subset of CD4+ T cells that mark progression to type 1 diabetes', [Diabetes 2022; Jan 7 \[Epub ahead of print\] \(full text via Document Delivery\)](#)
- Best, S. and Williams, S.J.** [Murdoch Children's Research Institute, Parkville, Vic., Australia.], 'What have we learnt about the sourcing of personal protective equipment during pandemics? Leadership and management in healthcare supply chain management: a scoping review', [Frontiers in Public Health 2021; vol.9, article no. 765501](#)
- Bik-Multanowska, K., Mikocka-Walus, A., Fernando, J. and Westrupp, E.** [Department of Paediatrics, University of Melbourne, Parkville, Vic., Australia.], 'Mental distress of parents

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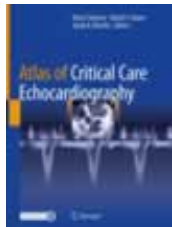
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[Atlas of critical care echocardiography](#) / edited by Alexis Salerno, Daniel J. Haase, Sarah B. Murthi. Springer, 2021



This atlas covers the basics of ultrasound physics, provides the necessary background to successfully perform TEE and TTE procedures, and provides tips and tricks that will prove invaluable in the critical care environment.

It also features an abundance of high quality photographs, illustrations and videos as well as numerous case studies to test the reader's ability to apply knowledge to real-life clinical situations.

Written by experts in the field, The Atlas of Critical Care Echocardiography is a concise, visual guide designed for use by all physicians who see cardiac patients in the ICU.

[online]

[Neuro-ophthalmology and neuro-otology: a case-based guide for clinicians and scientists](#) / by Daniel Gold. Springer, 2021



This book combines the complexities of neuro-ophthalmologic and neuro-otologic disorders into one concise guidebook.

It focuses on the basics of these two challenging subspecialties, encountered by the neurologist, ophthalmologist, otolaryngologist, neurosurgeon, emergency medicine provider, and others.

Comprehensive and succinct, the book contains chapters examining representative case vignettes that highlight typical historical elements and exam findings that aid in diagnosing a specific disease, disorder, or syndrome. Before each heading, chapters offer a brief review of relevant anatomy, physiology, and examination techniques.

Additionally, symptom-based tables guide the practitioner to a focused history and examination for rapid real-time triage and diagnosis.

Practical and case-based, Neuro-Ophthalmology and Neuro-Otology is an invaluable resource for practitioners, trainees, and residents in various fields.

[online]

[Smith's Anesthesia for infants and children](#) / edited by Peter J. Davis and Franklyn P. Cladis. 10th ed. Elsevier, 2021

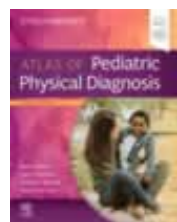


Written and edited by renowned experts in pediatric anesthesia, Smith's Anesthesia for Infants and Children provides clear, concise guidance on effective perioperative care for any type of pediatric surgery.

The 10th Edition contains significantly revised content throughout, bringing you fully up to date with recent advances in clinical and basic science that have led to changes in today's clinical practice.

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[Zitelli and Davis' Atlas of pediatric physical diagnosis](#) / edited by Basil J. Zitelli ... [et al.] 8th ed. Elsevier, 2021



Thousands of high-quality clinical photographs paired with authoritative clinical content make Zitelli and Davis' Atlas of Pediatric Physical Diagnosis the trusted, go-to resource for residents and physicians alike.

In this thoroughly revised 8th Edition, Drs. Basil J. Zitelli, Sara C. McIntire, Andrew J. Nowalk, and Jessica Garrison, provide a much-needed visual perspective on pediatric illness, helping you hone your visual examination skills and improve your diagnostic accuracy.