

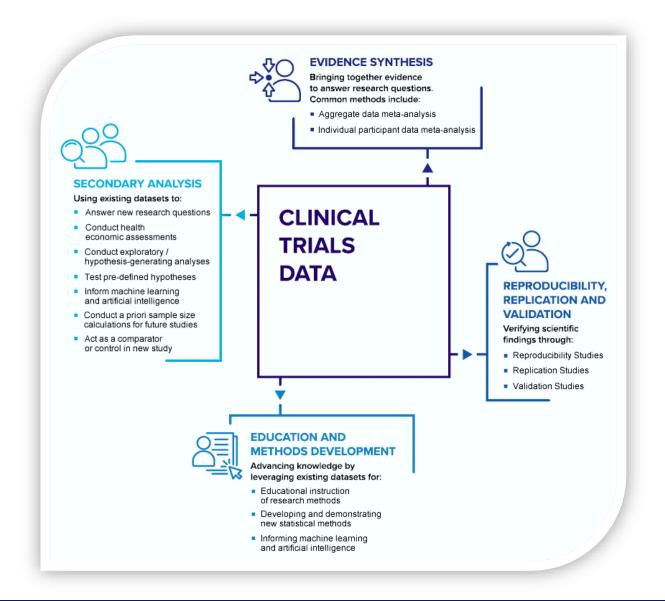
No.3, 7th April, 2025

Secondary use of clinical trials data in health research: a practical guide

This document from the Australian Research Data Commons (ARDC) presents a theoretical framework for the use of clinical trials and other health data for secondary research purposes, which was derived from research papers, consultation with stakeholders and the research community.

See a webinar about the theoretical framework: <u>Unlock the potential of secondary data from clinical</u> <u>trials with Health Data Australia.</u> ARDC built the <u>Health Data Australia platform</u> to support the sharing of health research data for these secondary research scenarios. Four overall scenarios for data reuse were identified:

- 1. Evidence synthesis
- 2. Secondary analyses
- 3. Reproducibility, replication and validation
- 4. Education and methods development



Library Training: coming sessions

Improve your literature searching skills at the Library

See the Library website for full session details.

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.

Nursing & Allied Health Mon 14 Apr, 12:00 pm
Cochrane LibraryTue 8 Apr, 10:00 am
EndNote Tutorial 1Thu 17 Apr, 2:00 pm
EndNote Tutorial 2Thu 24 Apr, 2:00 pm
Finding the Evidence Wed 16 Apr, 12:00 pm
Introduction to the Library Mon 14 Apr, 10:00 am
Ovid MedlineMon 7 Apr, 11:00 am



Identifying retracted publications in the Cochrane Library

A new feature has been launched in the Cochrane Library's CENTRAL, their database of clinical trials. It identifies and flags publications that have been retracted by the publisher, helping to produce trustworthy evidence.

<u>See all the details here</u> for how to find out if your search contains retracted publications, if your exported results include retracted publications, or to identify other retraction-related material.



Wellbeing and awareness events

April	World Autism Awareness Day
April 5	International Day of Conscience
April 7	World Health Day
April 14	World Chagas Disease Day
April 17	World Haemophilia Day
April 18	Good Friday
April 21	World Creativity and Innovation Day
April 22	International Mother Earth Day
April 23	World Book Day
April 24	World Immunization Week
April 25	ANZAC Day
April 25	DNA Day
Apri <u>l</u> 25	World Malaria Day
April 28	World Day for Safety and Health at Work
April 30	International Guide Dog Day

DNA Day April 25th

This observance began in the US in 2003 and has since grown to be celebrated around the world.

The date was chosen to acknowledge the contribution to genetics by scientists James Watson and Francis Crick. On this day in 1953, they and their colleagues published the double helix structure of DNA in Nature.



WHO news

WHO launches pioneering webinar series to strengthen telemedicine solutions and healthcare systems

The World Health Organization in collaboration with Intelehealth, launched the first of a 13-part webinar series titled 'Telemedicine in Action: Transforming Healthcare for LMICs'. The series aims to strengthen telemedicine as a key enabler of universal health coverage, promoting equitable and sustainable healthcare access for all. The series is designed for a broad audience, including ministries of health, NGOs, medical professionals, and hospitals working in lowand middle-income countries (LMICs). Read now.

WHO releases 2025 update to the International Classification of Diseases (ICD-11)

ICD–11 is a vast improvement on previous revisions. It reflects critical advances in science and medicine, aligning classification with the latest knowledge of disease treatment and prevention. For the first time, ICD is fully electronic, currently providing access to 17 000 diagnostic categories, with over 100 000 medical diagnostic index terms. The index-based search algorithm interprets more than 1.6 million terms. Read now.

Library performance statistics, 2024

We perform many tasks in our role as the link between information and its application in patient care, education and research.

Where possible we measure these tasks to ensure our time and money is spent in the right areas. Here's how the numbers stack up for just some of our activities in 2024:

- Responded to 2,270 enquiries.
- Loaned out 276 items from our collection ... down from 2023, most likely due to an increase in online resource usage.
- Supplied 341 articles to other libraries.
- Provided 292 articles or book chapters to campus staff. Of these, 83% were delivered on the same day; 12% were delivered the next day.
- Welcomed 45,007 visits to the Library ... a 28% increase on 2023, with staff and students seeking our expertise face to face, accessing print collections, and using Library facilities such as computers and workspace.
- Conducted 746 one-on-one literature searches ... which is an 18% increase on 2023; that's almost three per day.

WHO, St. Jude launch groundbreaking international delivery of childhood cancer medicines

Distribution of critically-needed childhood cancer medicines through the Global Platform for Access to Childhood Cancer Medicine has commenced in 2 of 6 pilot countries. Countries in the pilot phase will receive an uninterrupted supply of quality-assured childhood cancer medicines at no cost. The treatments are expected to reach approximately 5000 children with cancer across at least 30 hospitals in these countries within this year. Read now.

World Health Day 2025 to spotlight women and babies' survival, urging solidarity at a critical moment for global health

This year's campaign will urge governments, donors and the health community to invest in proven, high-impact interventions, as part of efforts to improve overall quality of care. These include pregnancy related services to detect complications and lifesaving emergency obstetrics – noting that the vast majority of maternal and newborn deaths happen during or shortly after birth – as well as special care for small and preterm babies. Complications relating to prematurity are now the leading cause of death of children under-5 worldwide. Read now.



- Taught 258 in group Training sessions ... an increase of 33% from 2023.
- Clocked up 79,238 database searches.
- Managed online journal and book collections ... where we saw a 7% increase in eBook access reaching 37,991 chapter downloads. Online journal access increased by 35%, reaching 431,642 full text article downloads.
- Managed 1,710 OpenAthens accounts ... which were logged into 24,701 times to access the Library's online resources from outside the RCH network.

Ovid Medline: reload of 2025 Medical Subject Headings is complete

Implications for Ovid Medline saved searches

- Check your personal saved searches on Ovid Medline and apply changes for the 2025 MeSH. Add new terms and replace changed or deleted terms with the more up-to-date terminology.
- Check the Scope Note for each MeSH term carefully for the definition, year of entry and previous indexing terms.

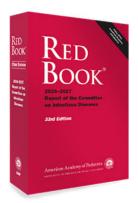
Implications for searches in PubMed and The Cochrane Library

Changes to MeSH will also impact saved searches in PubMed and The Cochrane Library, since they both use the MeSH thesaurus. Search lines containing thesaurus terms in PubMed and The Cochrane Library must be checked and updated with the current version of MeSH.

Contact us for help adjusting your saved searches.

Some interesting new headings								
Autonomous robots	Generative a	rtificial intell	igence	Persons with hearing disabilities				
Battered men	Machine lear	rning algorith	nms	Persons with psychiatric disorders				
Body satisfaction	Medical deb	t		Persons with visual disabilities				
Emotional eating	Men's health	services		Pregnancy related death				
Ethical dilemmas	Meta-resear	ch		Scoping review as topic				
Gene therapy agents	MPOX, Monk	кеурох		Sense of agency				
Generalized anxiety disorder	Paternal dea	th		Shotgun sequencing				
New publication types								
Human challenge trials	Scoping revi	ew		Network meta-analysis				
Commonly used terms that should be replaced								
CURRENT TERM			REPLACE WITH					
	→	Sexual and gender minorities						
Dis	→	Children with disabilities						
Di	→	Persons with disabilities						
Health care facilities, manpowe	→	Health care facilities workforce and services						
Health	→	Health workforce						
Pregnancy-rel	→	Maternal mortality						
Sex reassignme	→	Gender affirming procedures						
Sex reassign	→	Gender a	Gender affirming surgery					

The Red Book: new edition plus additional resources



The Red Book 2024-2027 is now in its 33rd edition. It continues the tradition of providing trustworthy guidance on pediatric infectious disease prevention with the latest clinical guidance on the manifestations, etiology, epidemiology, diagnosis, and treatment of more than 200 childhood infectious diseases.

Now, additional resources are available at the **Red Book Online**. Searching here will yield results from additional resources such as immunization schedules, outbreak and emerging infection updates, interactive algorithms, and visual libraries. It provides a broader and more current scope of information compared to the static content of the Red Book.

We offer a single point of entry to <u>both resources via the Library catalogue</u>. Get remote access using your <u>OpenAthens account</u>.

Cochrane Library: new items

Access

Select *Cochrane Library* from the Library's list of <u>databases</u>, A registered login allows you to save search histories for future use.

Recently added items

New Cochrane Database of Systematic Reviews

- Acupuncture for neonatal abstinence syndrome in newborn infants. Read more
- Carbon dioxide detection for diagnosis of inadvertent respiratory tract placement of enterogastric tubes in children. <u>Read more</u>
- Home-based educational interventions for children with asthma. Read more
- Interventions for myopia control in children: a living systematic review and network metaanalysis. <u>Read more</u>
- Precision nutrition-based interventions for the management of obesity in children and adolescents up to the age of 19 years. Read more

Get help with Cochrane Library

Fact Sheet no.5: <u>The Cochrane Library</u>
Sign up for <u>Training at the Library</u>
<u>Contact</u> the Library

- Safety and efficacy of proton pump inhibitors in preterm infants with gastroesophageal reflux disease. <u>Read more</u>
- Tumor necrosis factor (TNF) inhibitors for juvenile idiopathic arthritis. Read more

New Protocols

- Dexmedetomidine for analgesia and sedation for procedural pain or discomfort in newborn infants. Read more
- Individualized developmental care interventions for promoting development and preventing morbidity in preterm infants. Read more

News from your National and State libraries

- Cycling journals digitised. A selection of cycling serials from the late twentieth century have been digitised, covering several Victorian and NSW publications.
- Australia's first professional photographer. Trained by Daguerre in Paris, and possessed an entrepreneurial spirit, this man opened up shop in Sydney in 1842.
- ▶ <u>Let's get physicals</u>. A tonsil guillotine, a vaccination knife, a needle sharpener, and a helmet that cured baldness are just a few of the historical objects to be found in the NLA catalogue, Trove.
- ► <u>LEGO® Robotics Build Me a Story: school holiday workshop.</u>

 Primary schoolers (5-8 years) and their family members can work together to create and code a robot.
- Researching your home: online workshop. This webinar will help to answer the questions and curiosities you may have about your family home, whether it's the house you're living in now or the scene of your childhood memories.
- ▶ <u>Storytime: After Dark</u>. Sneak in with your teddy bear, wear your favourite jammies and snuggle up for an enchanting story time after dark. Listen to twilight tales and join in on soothing songs and lullabies as the sun sets.



Search Tip: Share your Ovid searches

After performing a search in an Ovid database there are several ways to share your search with colleagues.

You can: *Email All Search History; Copy Search History Link*; or *Copy Search History Details*. See <u>more details about each method</u> on the Library website.



Health and Science News

Sick of pie charts for your uni, school or work projects? Here are 5 other options:

With seemingly countless options available, choosing the right chart is challenging, and the wrong choice can influence how data is interpreted. [The Conversation]



- Catchy, clear, concise: three-part phrases boost research paper citations: Memorable 'tripartite' phrases in titles make studies more likely to be read and cited. [Nature]
- ➡ When I lost my intuition: For years, I practised medicine with cool certainty, comfortable with lifeand-death decisions. Then, one day, I couldn't. [Aeon]
- → Parents, patients, doctors weigh in on hormone freeze debate for trans kids: Sources working in the sector have expressed outrage over the lack of consultation with medical specialists treating transgender youth, and their patients. [ABC]
- Under-eights should not drink slushies containing glycerol, say doctors: Study of 21 hospitalisations shows the iced drinks can cause decreased consciousness and low blood sugar. [The Guardian]
- ⇒ Violence in emergency departments a 'national crisis': report: More than 50 per cent of emergency doctors say physical violence occurs in their department daily or weekly. [ABC]
- Without change, half of Australian kids and adolescents will be overweight or obese by 2050: So how did we get here? And most importantly, what can we do to turn this trajectory around? [The Conversation]
- ◆ Australian 'man with the golden arm', whose rare blood saved 2.4m babies, dies at 88: He donated blood James Harrison rolled up his sleeve more than 1,100 times to give his plasma, which was used in lifesaving anti-D medication. [The Guardian]
- → Measles highest in 25 years in Europe, WHO says: Children under the age of five accounted for more than 40% of the cases reported in Europe and central Asia. [BBC]

- OpenAl's metafictional short story about grief is beautiful and moving: In all the fear and anger foaming around Al just now, its capacity to be "other" is what the human race needs. [The Guardian]
- Imperfect sounds: Cochlear implants give deaf kids unprecedented access to sound. But insisting they avoid using sign language may be risky. [Science]
- → Measles highest in 25 years in Europe, WHO says: Children under the age of five accounted for more than 40% of the cases reported in Europe and central Asia. [BBC]
- ➡ Big drop in child surgery for swallowed objects: Society's move to cashless payments may have had an unintended positive side effect - fewer children needing operations or procedures to remove swallowed coins. [BBC]
- → Academic publishing is a multibillion-dollar industry. It's not always good for science: Mass resignations of journal editors are becoming more frequent. They highlight the tension between running a for-profit publishing business and upholding research integrity. [The Conversation]

Free online virtual reality tool helps people tackle public speaking nerves: Cambridge scientist behind VR platform says it could help those put off by high cost of speech anxiety treatment. [The Guardian]



- Do smartphones and social media really harm teens' mental health?: Researchers are debating the strength of evidence connecting technology to surging rates of adolescent mental illness. [Nature]
- ⇒ Phage therapy: packing a punch against antibiotic-resistant infections: Meet Sphae, a free online genomic toolkit to rapidly evaluate phage therapy. [ARDC]
- ⇒ Study casts doubt on gluten as cause of gut ailments among non-coeliacs: Research finds people with self-declared gluten sensitivity experienced symptoms whether or not they ate gluten. [The Guardian]

CAMPUS PUBLICATIONS

Options to access full text articles: follow the DOI link; search for the PMID at <u>PubMed</u>; or search for the journal title in our <u>database</u>. An <u>OpenAthens account</u> is required for remote access. Make a <u>Document Delivery request</u> for items we don't have. <u>Get LibKey for one-click access</u>.

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BOOKS

174.2 MOR [in print]

Moral resilience: transforming moral suffering in healthcare / edited by Cynda Hylton Rushton. 2nd ed. Oxford University Press, 2024



Moral resilience is a pathway to transform the effects of moral suffering in healthcare. Dr. Rushton and colleagues offer a novel approach to addressing moral suffering that engages transformative strategies for individuals and systems alike and leverages practical skills and tools for a sustainable workforce that practices

with integrity, competence, and wholeheartedness, and dismantles the systemic patterns that impede ethical practice. This is a must-read for clinicians front line nurses to physicians to system leaders and policymakers because it will require collective collaboration, aligned values, shared language and intentional design to make our healthcare organizations and their clinicians healthy again.

362.849915 AND [in print]

Health: spirit, country and culture / Shawana Andrews, Sandra Eades and Fiona Stanley. Thames & Hudson, 2024



For thousands of generations the wellbeing of Australia's First Peoples was grounded in the sacred lands of Mother Earth. Good health occurred naturally because lifestyle and diet were connected to Country and culture. Colonisation damaged this connection, but much is being done

to rebuild it. This book explores concepts that are not tied to Western practices, as it delves into birthing, end-of-life care and other Indigenous cultural rituals. The authors highlight the role of Aboriginal leadership and Eldership in decision making about health care and explore the strength of Aboriginal and Torres Strait Islander resistance and resilience.

[online]

Adolescent public mental health: why systems need changing and how a public mental health approach can work / edited by Patricia Gail Bray and Arthur Maerlender. Springer, 2024



This book presents an innovative public mental health model addressing the global crisis of declining mental health among adolescents. Despite the scholarly and public media attention given to post-pandemic adolescent mental health, few published sources present a sustainable, scalable and

multisector collaborative solution that includes attention to the social determinants of health, equity, and prevention, together with mental health literacy education and early intervention. This book takes a public health approach to address this need. The concepts presented draw on three primary systems: public health, mental health and education. The authors present 24 recommendations that are relevant for scholars, practitioners and leaders involved in adolescent mental health.

[online]

Autism and being monotropic: what medical and other practitioners need to know / by Wenn B. Lawson. Springer, 2025



This book provides a comprehensive overview of the experiences and challenges faced by autistics who have not been understood or accommodated due to their monotropic cognitive style. This book aims to increase understanding and awareness of monotropism, its tributaries (object permanence;

external senses and connections to interoception) as well as offer a roadmap to aid and support autistic monotropic individuals. The topic of monotropism and its tributaries, as well as their impact upon quality of life, is vital for medical and allied professionals to comprehend. This book explains these terms and their role in autistic behaviour and fills a critical gap in the literature by providing a comprehensive resource that addresses the specific needs of this population.

[online]

Before we are born: essentials of embryology and birth defects / edited by T.V.N (Vid) Persaud and Mark G. Torchia. 11th ed. Elsevier, 2025



This new edition offers clinically relevant and highly illustrated coverage of this complex field. It is based on the popular text *The Developing Human*, written by the same expert and experienced educator author team. Coverage has been carefully selected to provide an

easily accessible understanding of all the core aspects of embryology, including normal and abnormal embryogenesis, causes of birth defects, and the role of genes in human development. It covers the essentials of normal and abnormal human development for students in a variety of health science disciplines, reflecting new research findings and current clinical practice through concise text and abundant, clearly labeled illustrations. It also includes nearly 700 USMLE-style questions with full answers and explanations.

[online]

<u>The Developing human: clinically oriented embryology</u> / edited by T. V. N.(Vic) Persaud and Mark G. Torchia. 12th ed. Elsevier, 2025



This new edition provides an easy-todigest, comprehensive review of what can be a complex and challenging subject. It covers all aspects of normal and abnormal embryonic and fetal development. In a clear, concise manner, this lavishly illustrated text has been extensively revised to

incorporate recent research and current clinical practice guidelines, meeting the needs of medical and health sciences students as well as those in graduate programs. Online features include multiple-choice questions and narrated animations to further support student success. A key feature of this title is that it guides you month by month and stage by stage through embryo and fetal organ and systems development, using full-color photographs of clinical cases, relevant modern medical imaging, and numerous high-quality supportive figures. Lastly, it also provides clinically-oriented problems for each chapter, with corresponding answers and explanations designed to facilitate discussion and learning. In addition, multiple-choice questions and answers are available online for supportive self-assessment.

[online]

<u>Digital media and early child development:</u> <u>theoretical and empirical issues</u> / edited by Giana Bitencourt Frizzo. Springer, 2024



With the adoption of technology moving so quickly, research in the area also needs to evolve, and new theoretical and methodological approaches are needed. This book aims to contribute to this field of study by presenting new theoretical frameworks and methodological approaches to help advance research;

by discussing results of empirical studies carried out with young children and their caregivers, and by proposing possible interventions to help parents and caregivers better oversee their children's digital media use. Chapters in this volume are divided into five parts. The first part discusses theoretical and methodological issues involved in the study of digital media use by young children. The second part presents empirical studies that investigate the potential impacts of digital media use in child development. The third part brings together studies analyzing digital media use and early child development during the COVID-19 pandemic. Chapters in the fourth part analyze how digital media use affects parenthood. The fifth part presents proposals of educational interventions to help parents and caregivers oversee their young children's digital media consumption.

[online]

<u>Feigin and Cherry's Textbook of pediatric infectious</u> <u>diseases</u> / edited by James D. Cherry ... [et al.] 9th ed. Elsevier, 2025



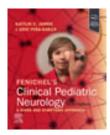
This 2-volume set provides authoritative, up-to-date coverage of this rapidly changing field. Extensively revised, it delivers the information you need on epidemiology, public health, preventive medicine, clinical manifestations, diagnosis, treatment,

and much more. It serves as a reliable, everyday resource for practicing ID specialists, and an invaluable reference for medical students, residents, and fellows in ID, pediatricians and internists, and others who work with neonates, children, and adolescents or in public health.

Each infectious disease is listed according to organ systems that may be affected, as well as individually by microorganisms, placing emphasis on clinical manifestations that may be related to the organism causing the disease. It also provides detailed information regarding the best means to establish a diagnosis, explicit recommendations for therapy, and the most appropriate uses of diagnostic imaging.

[online]

<u>Fenichel's Clinical pediatric neurology: a signs and symptoms approach</u> / edited by Kaitlin C. James and Jesus Eric Piña-Garza. 9th ed. Elsevier, 2025



This updated edition uses a practical, easy-to-reference signs and symptoms approach and provides a solid foundation in the diagnosis and management of primary neurologic disorders of childhood. It includes updates on developments in the field. It offers step-by-step,

authoritative guidance that considers each presenting symptom in terms of differential diagnosis and treatment, reflecting real-life patient evaluation and management.

This title is useful for board exam preparation, office use, or residency reference and this well-organized, revised edition is an ideal introduction to this complex and fast-changing field. A key feature of this edition is that it includes definitions of age at onset, course of illness, clinical features, and treatment options for each neurological disease, all logically organized by neurological signs and symptoms in a templated format.

It also includes a comprehensive coverage of genetics in relation to epilepsy, autism, and many neurometabolic disorders, with up-to-date coverage of genetic testing, diagnosis, and pharmacogenomics.

[online]

Handbook of early intervention for autism spectrum disorders: research, policy, and practice / edited by Dennis R. Dixon, Peter Sturmey, Johnny L. Matson. Springer, 2024



This handbook provides significantly updated and expanded content and coverage, including new chapters on the changing epidemiology of autism spectrum disorder (ASD), measurement and assessment of problem behaviors, value-based care for ASD, conceptual foundations of evidence-based practices, the use of

technology, and functional behavior assessment in ASD treatment.

This unique volume addresses basic questions in salient detail, from epidemiology and diagnosis to guiding treatment decisions. In addition, it examines treatment delivery systems and new technologies to support individuals with ASD. This new edition is a must-have comprehensive reference for researchers, professors, and graduate students as well as clinicians and other scientist-practitioners in clinical child, developmental, and school psychology, child and adolescent psychiatry, social work, public health, pediatric medicine, rehabilitation, and special education.

[online]

Pediatric board study guide : a last minute review

/ edited by Osama Naga. 3rd ed. Springer, 2024



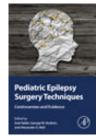
The third edition of this text has proved to be a very successful pediatric study guide, helping many pediatricians around the world to study pediatrics in a very easy, simplified way. Even the most complex subjects are condensed into very straight forward and easy

to remember information blocks.

This book not only prepares students to pass their exams but also prepares pediatricians for general pediatric encounters, emphasizing all new updates from the American Academy of Pediatrics and American Board of Pediatrics. It has proved very popular among new pediatricians and new pediatric residents worldwide. In the last 3 years, the AAP and ABP have released a lot of updates, such as, management of fever in well-appearing infants, COVID-19, asthma management, and new vaccine guidelines from the CDC. The pediatric board exam always includes new diseases, which are included in each chapter, as well as new questions and answers that must be added to the lastminute review chapter, as well as other questions to be edited to follow the new recommendations and guidelines in pediatrics.

[online]

Pediatric epilepsy surgery techniques: controversies and evidence / edited by Aria Fallah, George M. Ibrahim and Alexander G. Weil. Elsevier, 2025



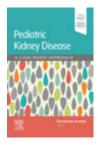
This book offers clinicians a roadmap for navigating the complex decision-making process involved in selecting surgical interventions for children with drug-resistant epilepsy. It addresses several decision-making dichotomies in pediatric epilepsy surgery, both in terms of established and novel surgical modalities and techniques.

The book explores long-standing debated topics, such as the relative benefits of disconnective compared to resective strategies, the utility of surgical adjuncts like intra-operative electrocorticography, as well as rationales for different surgical approaches, namely selective amygdalo-hippocampectomy versus anteromesial temporal lobectomy. Further, it addresses dichotomies between traditional approaches and contemporary modalities, such as microsurgical resection versus laser interstitial thermal therapy.

Chapters also offer comparisons of modern technologies, such as different neuromodulation strategies, including vagus nerve stimulation, deep brain stimulation, and responsive neurostimulation.

[online]

<u>Pediatric kidney disease : a case-based approach</u> / by Farahnak Assadi. Elsevier, 2025



An ideal resource for specialists and non-specialist clinicians and trainees, Pediatric Kidney Disease: A Case-Based Approach contains more than 400 case reports that offer a unique learning opportunity in this challenging field. These accessible and instructive case studies help readers recognize important clinical symptoms

and signs to develop the diagnostic and management skills needed for treating patients in a routine clinical practice. With wide-ranging coverage of the kidney-related complaints most likely to be encountered, this volume is an excellent reference or certification review tool for residents, fellows, and clinicians who need quick access to current scientific and clinical information on managing pediatric kidney disease.

A key feature of this text is provides complete, state-ofthe art reviews and assessments of kidney disease in children in a concise, templated format. It also contains more than 400 cases covering acute and chronic kidney failures, congenital and hereditary kidney diseases, glomerular and vascular diseases, hereditary kidney disorders, hypertension, tubulointerstitial diseases, and urinary tract infections.