

Library Update



No.11, 4th December, 2023

End of year wrap-up at the Library

- 🌀 **The Library will be unstaffed from Monday 25th December 2023 to Monday 1st January 2024 inclusive**

Use your hospital ID to swipe for entry or exit on these days.

The Library email address for enquiries, rch.library@rch.org.au, will be monitored periodically during this time.

Thanks for supporting your Library during 2023.

- 🌀 **This is your final *Library Update* for 2023**

Publication will resume in February 2024.

- 🌀 **Need remote access to Library resources over the holidays?**

Sign up for an [OpenAthens](#) account today, then use the links provided from our list of [databases](#), our [journals database](#), or the [catalogue](#) when you are off-site.

Forgotten your password? [Reset it](#).

Forgotten your username? Use your email address instead or [contact us](#).

- 🌀 **Library Training recommences in February 2024**

[Sessions offered in 2024](#) include:

Introduction to the Library, Finding the Evidence, PubMed, Ovid Medline, Ebsco CINAHL, The Cochrane Library, and EndNote.



Book Swap: new titles available

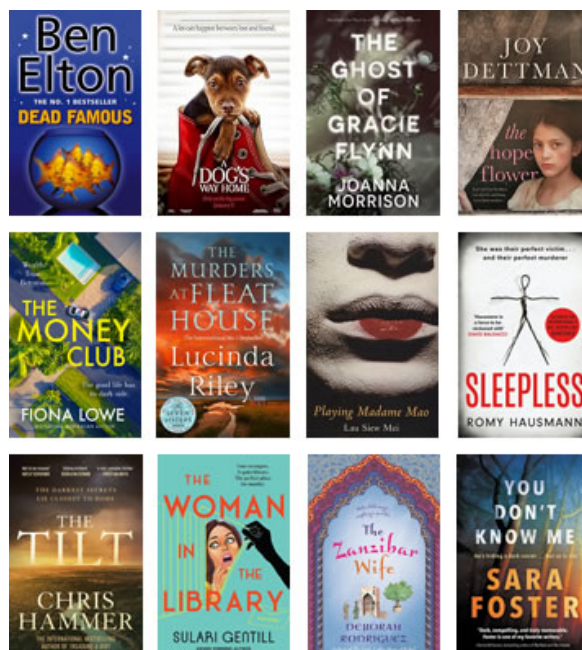
The books in our Book Swap collection are free to take – and you don't even need to be a Library member!

If you take a book, please leave one of your own in its place

This collection is sustained by your honesty and generosity. We also welcome donations of new or gently used fiction or non-fiction to add to the collection. No kids' books please; this is for grown-ups.

[Current titles](#) include:

- **Dead Famous**
Ben Elton
- **A Dog's Way Home**
W. Bruce Cameron
- **The Ghost of Gracie Flynn**
Joanna Morrison
- **The Hope Flower**
Joy Dettman
- **The Money Club**
Fiona Lowe
- **The Murders at Fleet House**
Lucinda Riley
- **Playing Madame Mao**
Lau Siew Mei
- **Sleepless**
Rom Hausmann
- **The Tilt**
Chris Hammer
- **The Woman in the Library**
Sulari Gentili
- **The Zanzibar Wife**
Deborah Rodriguez
- **You Don't Know Me**
Sara Foster

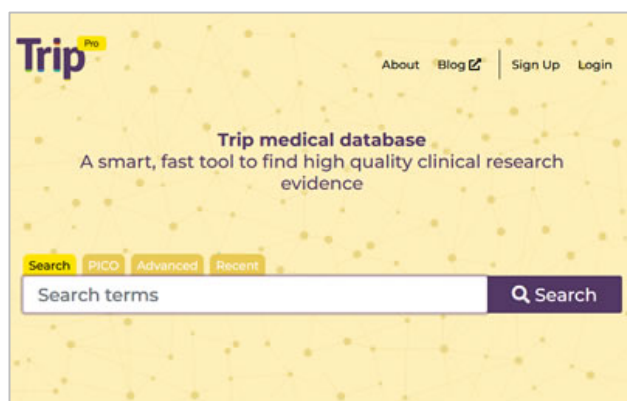


Library Update

Trip database updates

[Trip](#) has been running now for 25 years and is always striving to improve. Here are some recent updates:

- [New guideline scores added](#): scores have been added for another 50 guideline publishers.
- [Automated clinical question answering](#): early days, results are promising.
- How to use the new [Advanced Search](#).
- Experimenting with ChatGPT [here](#) and [here](#).
- [Connected articles](#): uses a combination of co-clicks, semantics and citations to recommend closely related articles to those you've already clicked on.
- Join the [AI Innovation Circle](#) and help shape the future of Trip.



ClinicalKey: updated clinical overviews

These [evidence-based summaries](#) cover a variety of topics which are updated monthly.

Sources for the Clinical Overviews include journal articles, books, clinical practice guidelines, Cochrane reviews and more. Recently added or updated topics include:

- [Acne Vulgaris](#)
- [Acquired Torticollis in Children](#)
- [Approach to Malignant Brain Tumors in Children](#)
- [Chronic Overlapping Pain Conditions in Children](#)
- [Community-Acquired Pneumonia in Children \(Older Than 3 Months\)](#)
- [Diabetes Mellitus Type 1 in Children](#)
- [Diabetes Mellitus Type 2 in Children](#)
- [Epilepsy in Children](#)
- [Foreign Body Ingestion in Children](#)
- [Gastroenteritis in Children](#)
- [Obesity in Children](#)
- [Upper Respiratory Tract Infection in Children](#)

Wellbeing and appreciation events

December 1	World AIDS Day
December 3	International Day of Persons with Disabilities
December 5	International Volunteers Day
December 10	Human Rights Day
December 12	Universal Health Coverage Day
December 18	International Migrants Day
December 20	International Human Solidarity Day
December 27	International Day of Epidemic Preparedness

MCRI news: Open Access Project

In order to keep up with the Open Access and Open Science landscape of scholarly communication, MCRI has initiated a project on enabling Open Access for our researchers.

This initiative will see development and refinement of an Open Access policy that aligns with the principles of transparency, reproducibility of research along with meeting the requirements of our funding bodies. NHMRC and ARC are two such funders who have already put out such a mandate that MCRI needs to comply with.

Alongside this, a dedicated team in the Data Office has been actively working on implementing an integrated Nexus and Figshare solution that will enable compliance with funders' Open Access requirements.

This will see deposition of 'Authors Accepted Manuscripts' (AAM) in MCRI's instance of Figshare to enable 'Green Open Access'. This will not only enable compliance with funders' requirements but will also assist in saving costs of publishing Open Access articles in Gold Open Access journals.

The solution will ensure that publications are accessible to a wider audience, promoting uptake of our research and fostering collaboration.

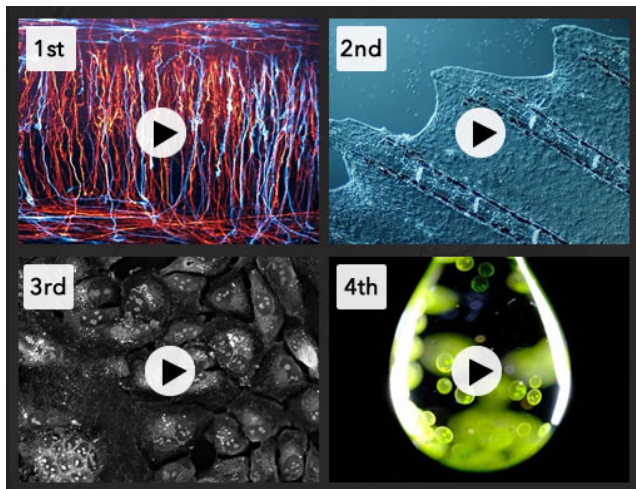
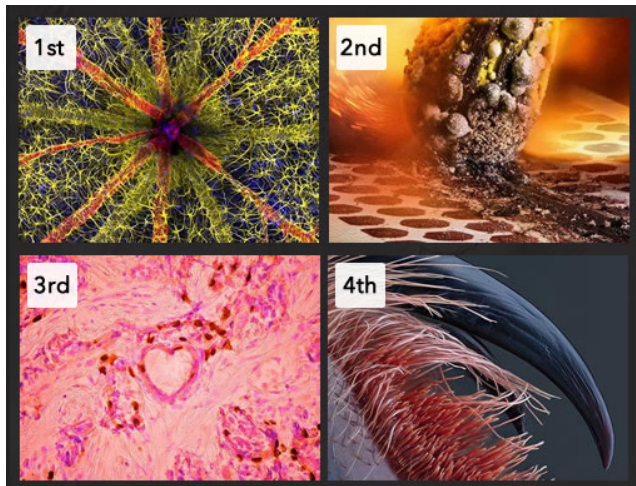
Please contact [Nauman Maqbool](#) and [Nitya Phillipson](#).

Library Update

Nikon 'Small World' competition winners

[The Nikon Small World Competition](#) first began in 1975 as a means to recognize and applaud the efforts of those involved with photography through the light microscope. Since then, Small World has become a leading showcase for photomicrographers from the widest array of scientific disciplines.

See this year's winners of the [Photomicrography](#) and [Video](#) competitions.



Library Training: final 2023 dates

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

Cochrane Library..... Mon 4 Dec, 11:00 am
EndNote Tutorial 1..... Wed 6 Dec, 2:30 pm
EndNote Tutorial 2..... Wed 13 Dec, 2:30 pm
Introduction to the Library ... Tue 5 Dec, 10:03 am
Ovid Medline Tue 12 Dec, 11:00 am

AIHW: latest reports

The most recent reports published by the AIHW covering a diverse range of topics include:

- [Aboriginal and Torres Strait Islander mothers and babies](#)
- [AIHW Annual Report](#)
- [Alcohol, tobacco & other drugs in Australia](#)
- [Australia's mothers and babies](#)
- [Environmental scan and assessment of the feasibility of developing a national neonatal hearing screening data collection](#)
- [Family, domestic and sexual violence](#)
- [Head injuries in Australia 2020-21](#)
- [Health expenditure Australia 2021-22](#)
- [Health of mothers and babies](#)
- [Health of refugees and humanitarian entrants in Australia](#)
- [Health system spending on the response to COVID-19 in Australia 2019-20 to 2021-22](#)
- [Injury in Australia](#)
- [Let's talk about the weather: injuries related to extreme weather](#)
- [Oral health and dental care in Australia](#)
- [Suicide & self-harm monitoring](#)

Have you left something behind in the Library?

The Lost Property box here in the Library is overflowing with items left behind by patrons.

You name it, someone has left it in the Library.

Items include: drink bottles; **mugs**; **drink bottles**; **document holders**; **technology cases**; **cables**; **converters**; **bicycle lights**; **chargers**; **USBs**; **sunglasses**; **Mykis**; **earphones**.

Come to the Library desk to collect your lost items between 9 – 4, Monday – Friday.



Cochrane Library: new items

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

New Cochrane Database of Systematic Reviews:

- Adapting shift work schedules for sleep quality, sleep duration, and sleepiness in shift workers. [Read more](#)
- Adenoidectomy for otitis media with effusion (OME) in children. [Read more](#)
- Antibiotics for acute otitis media in children. [Read more](#)
- Antibiotics for otitis media with effusion (OME) in children. [Read more](#)
- Anti-seizure medications for neonates with seizures. [Read more](#)
- Autoinflation for otitis media with effusion (OME) in children. [Read more](#)
- Caffeine versus other methylxanthines for the prevention and treatment of apnea in preterm infants. [Read more](#)
- Cranberries for preventing urinary tract infections. [Read more](#)
- Different antibiotic treatments for group A streptococcal pharyngitis. [Read more](#)
- Doxapram for the prevention and treatment of apnea in preterm infants. [Read more](#)
- Higher versus lower protein intake in formula-fed term infants. [Read more](#)
- Higher versus lower sodium intake for preterm infants. [Read more](#)
- Immunoglobulin treatment for hospitalised infants and young children with respiratory syncytial virus infection. [Read more](#)
- The impact of growth monitoring and promotion on health indicators in children under five years of age in low- and middle-income countries. [Read more](#)
- Interventions to prevent or cease electronic cigarette use in children and adolescents. [Read more](#)
- A meta-ethnography of how children and young people with chronic non-cancer pain and their families experience and understand their condition, pain services, and treatments. [Read more](#)
- Methylxanthine for the prevention and treatment of apnea in preterm infants. [Read more](#)

Get help with Cochrane Library

Fact Sheet no.5: [The Cochrane Library](#)

Sign up for [Training at the Library](#)

[Contact](#) the Library

- Musical and vocal interventions to improve neurodevelopmental outcomes for preterm infants. [Read more](#)
- Nasal interfaces for neonatal resuscitation. [Read more](#)
- Nebuliser systems for drug delivery in cystic fibrosis. [Read more](#)
- Oral dextrose gel to prevent hypoglycaemia in at-risk neonates. [Read more](#)
- Pharmacological intervention for irritability, aggression, and self-injury in autism spectrum disorder (ASD). [Read more](#)
- Pharmacological interventions for the management of pain and discomfort during lumbar puncture in newborn infants. [Read more](#)
- Positioning for lumbar puncture in newborn infants. [Read more](#)
- Prebiotics for people with cystic fibrosis. [Read more](#)
- Psychological interventions for depression in adolescent and adult congenital heart disease. [Read more](#)
- Stem cell-based interventions for the treatment of stroke in newborn infants. [Read more](#)
- Superoxide dismutase for bronchopulmonary dysplasia in preterm infants. [Read more](#)
- Surfactant therapy guided by tests for lung maturity in preterm infants at risk of respiratory distress syndrome. [Read more](#)
- Topical and oral steroids for otitis media with effusion (OME) in children. [Read more](#)
- Ventilation tubes (grommets) for otitis media with effusion (OME) in children. [Read more](#)

Protocols:

- Acupuncture for procedural pain in newborn infants. [Read more](#)
- Decongestants and antihistamines for acute otitis media in children. [Read more](#)
- Heliox for prevention of morbidity and mortality in ventilated newborn infants. [Read more](#)
- TB-LAMP (loop-mediated isothermal amplification) for diagnosing pulmonary tuberculosis in children. [Read more](#)

Health and Science News

How big is science's fake-paper problem?:

An unpublished analysis suggests that there are hundreds of thousands of bogus 'paper-mill' articles lurking in the literature. [\[Nature\]](#)



- **ChatGPT generates fake data set to support scientific hypothesis:** Researchers say that the model behind the chatbot fabricated a convincing bogus database, but a forensic examination shows it doesn't pass for authentic. [\[Nature\]](#)
- **Antibiotic resistance: microbiologists turn to new technologies in the hunt for solutions – podcast:** Inequality and poverty are a big part of the problem. [\[The Conversation\]](#)
- **Surgery students 'losing dexterity to stitch patients':** A professor of surgery says students have spent so much time in front of screens and so little time using their hands that they have lost the dexterity for stitching or sewing up patients. [\[BBC\]](#)
- **Nursing education in the digital age: adapting to new technologies:** From virtual simulations to online learning platforms, technology is connecting aspiring nurses with the skills and knowledge they need in an increasingly digital world. [\[Health Times\]](#)
- **IV needle designed to soften upon insertion:** The needle's stiffness-tuneable characteristics will make it soft and flexible upon insertion into the body due to the increased temperature. Once used, the needle remains soft even at room temperature. [\[LabOnline\]](#)
- **A look behind the scenes of bulk retractions from Sage:** We start with one dubious paper and keep pulling the string for as long as necessary. [\[Retraction Watch\]](#)
- **Some deaf children in China can hear after gene therapy treatment:** The new treatment applies only to one specific cause of deafness at birth. [\[Technology Review\]](#)

- **Aussie experts' 100 fake health stories in an hour highlight AI risks:** Researchers mass-produced blog articles full of disinformation on vaccines and vaping including fake patient and clinician testimonials, fake scientific-looking references, and images. It took under an hour. [\[Scimex\]](#)
- **Measles: Royal college issues updated guidance as outbreaks loom:** Guidance on managing children with viral respiratory tract infections has been updated for the first time in decades to include measles, amid several outbreaks across the UK. [\[BMJ\]](#)
- **Will climate change lead to more drug-resistant infections?:** Temperature is intimately linked with bacterial processes and infections. [\[Wellcome\]](#)
- **Scientists paid large publishers over \$1 billion in four years to have their studies published with open access:** A study reveals that academic megajournals 'Scientific Reports' and 'Nature Communications' have cornered the market. [\[El Pais\]](#)

Shock of the old: 10 scandalous vintage medicines – from asthma cigarettes to cocaine wine: Cure any ailment! Never known to fail! Early medicine adverts made grand claims but they look alarming today.

[\[The Guardian\]](#)



- **A 4-day week might not work in health care. But adapting this model could reduce burnout among staff:** This model should be conceptualised more broadly for health care, focusing on reducing and optimising working hours, and addressing the specifics of rostering and workforce planning. [\[The Conversation\]](#)
- **The pandemic disrupted adolescent brain development:** Early research presented at the leading brain conference suggests that the pandemic changed the brains of teenagers. [\[Scientific American\]](#)

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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- Badurdeen, S., Cheong, J.L.Y., Donath, S., Graham, H., Hooper, S.B., Polglase, G.R., Jacobs, S. and Davis, P.G.** [Melbourne Children's Global Health, Clinical Sciences, Clinical Epidemiology and Biostatistics Unit, Murdoch Children's Research Institute; Department of Paediatrics, University of Melbourne, Parkville, Vic., Australia.], 'Early hyperoxaemia and

Library Update

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Library Update

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Library Update

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BOOKS

[online]

[Hematology and transfusion medicine: neonatology questions and controversies](#) /

edited by Robin K. Ohls, Akhil Maheshwari, Robert D. Christensen; consulting editor, Richard A. Polin. 4th ed. Elsevier, 2024



This edition provides a clear management strategy for complications in premature infants resulting from hematologic and immunologic systems that are not yet fully developed, offering guidance based on the most up-to-date understanding of underlying

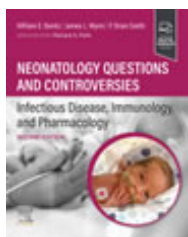
pathophysiology. The book places emphasis on controversial areas that can entail different approaches.

It features the most current clinical information throughout, including challenging issues in neonatal hematology such as anemia, transfusions, jaundice, leukocyte counts, and thrombocytopenia. It includes updated chapters on neonatal transfusion medicine, with in-depth evaluations of fetal and neonatal iron homeostasis and risk factors for iron deficiency, and up-to-date information on improvements in bilirubin assessment and management.

[online]

[Infectious disease, immunology and pharmacology: neonatology questions and controversies](#) /

edited by William E. Benitz, James L. Wynn, P. Brian Smith. 2nd ed. Elsevier, 2024



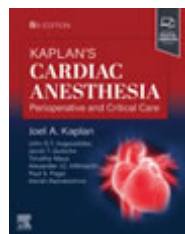
The 2nd Edition of Infectious Disease, Immunology, and Pharmacology provides a clear management strategy for common and rare neonatal infectious diseases. This edition features the most current clinical information throughout, including a new immunology section

that covers inborn errors of immunity presenting in the newborn period and clinical and molecular markers for diagnosis of neonatal sepsis.

It includes new chapters on COVID-19; congenital syphilis; gonococcal eye prophylaxis; organ dysfunction in sepsis and necrotizing enterocolitis; and drug-associated acute kidney injury. The book offers the most authoritative advice available from world-class neonatologists who share their knowledge of new trends and developments in neonatal care.

[online]

[Kaplan's Cardiac anesthesia: perioperative and critical care](#) / edited by Joel A. Kaplan. 8th ed. Elsevier, 2024



This edition is current, comprehensive, and evidence-based and offers practical guidance from today's international leaders in cardiac anesthesiology. It helps clinicians to optimize perioperative outcomes, avoid complications, and ensure maximum patient safety.

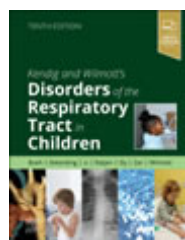
The book covers the full spectrum of contemporary cardiothoracic anesthesia practice, including preoperative assessment, physiology, pharmacology, monitoring, transesophageal echocardiography, coagulation, specific cardiac procedures, extracorporeal circulation, postoperative pain treatment, and management of the complex patient with cardiac disease. It includes coverage of critical care topics, reflecting the increased perioperative care now provided by anesthesiologists in the ICU.

The revised edition covers new chapters on Structural Heart Disease Procedures; Cardiorespiratory Effects of COVID-19; Critical Care Ultrasound; Intensive Unit Management of Patients on Mechanical Circulatory Support; and Postoperative Care of the Heart and Lung Transplant Patient.

[online]

[Kendig and Chernick's Disorders of the respiratory tract in children](#) / edited by Andrew Bush ... [et al.]

10th ed. Elsevier, 2024



This edition covers both common and less common respiratory problems found in the newborn and child.

It covers basic science and its relevance to today's clinical issues as well as treatment, management, and outcomes information.

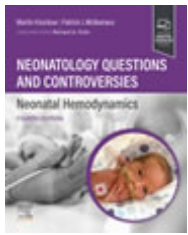
This resource could be used for day-to-day practice as well as certification or recertification review and other professional examinations such as pHERMES. It includes accompanying video demonstrations of key procedures and bronchoscopic views and more than 500 full-colour images.

New content discusses timely topics such as big data and -omics in respiratory disease, COVID-19, obesity and its consequences, and vaping and nicotine addiction among children and young people.

Library Update

[online]

[Neonatal hemodynamics: neonatology questions and controversies](#) / edited by Martin Kluckow, Patrick J. McNamara ; consulting editor, Richard A. Polin. 4th ed. Elsevier, 2024



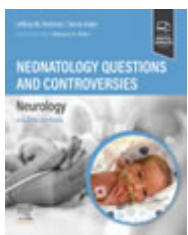
This 4th edition provides in-depth clinical overviews of the many hemodynamic conditions that are relevant for the neonatologist, offering guidance based on the most up-to-date understanding of underlying pathophysiology.

It features the most current clinical information throughout, covering everything from basic cardiovascular physiology to advanced monitoring and hemodynamic assessment. Several chapters have been revised to focus on the novel concepts of hemodynamic phenotypes, enhanced diagnostic precision, and phenotypic profiling, and are illustrated by demonstrative case presentations.

The book includes new chapters on neonatal hemodynamic pharmacology, hemodynamic management in special circumstances (twin-twin transfusion, infant of a diabetic mother, arteriovenous malformations), neonatal hemodynamic care in the resource-challenged country, chronic pulmonary hypertension assessment and management, and more.

[online]

[Neurology: neonatology questions and controversies](#) / edited by Jeffrey M. Perlman, Terrie Inder. 4th ed. Elsevier, 2024



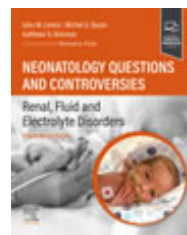
A part of the Dr. Richard Polin's Neonatology Questions and Controversies series, this 4th edition highlights the toughest challenges facing physicians and care providers in clinical practice, offering guidance on up-to-date diagnostic and treatment options in the field.

This edition features the most current clinical information throughout, including recent trials for hypoxic-ischemic encephalopathy, acute management of symptomatic seizures, and congenital viral meningoencephalitis: neonatal herpes simplex virus, congenital cytomegalovirus, congenital Zika, and COVID-19.

Neurology offers the most authoritative advice available from world-class neonatologists/neurologists who share their knowledge of new trends and developments in neonatal care.

[online]

[Renal, fluid and electrolyte disorders: neonatology questions and controversies](#) / edited by John M. Lorenz, Michel G. Baum, Kathleen G. Brennan. 4th ed. Elsevier, 2024



This edition provides readers with a clear management strategy for common and rare neonatal renal, fluid, and electrolyte disorders.

The book includes numerous new chapters, including assessment of neonatal kidney function, pulmonary hypoplasia in the fetus with oligohydramnios, genetic causes of congenital renal malformations, effect of preterm birth on renal outcomes, dialysis and kidney transplantation, renal tubular acidosis, and more.

[online]

[Sleep medicine: a comprehensive guide for transitioning pediatric to adult care](#) / edited by Amir Sharafkhaneh, David Gozal. Springer, 2023



Many fields of medicine have looked at the issue of transitioning care from pediatrics to adults. This book focuses on that transition within the field of sleep medicine. This book gathers and presents in volume information that will assist practitioners to transition the care of their pediatric patients suffering from sleep disorders. The book

discusses anatomical, physiological and psychological aspects as children grow into adulthood. Specifically, changes in brain function and anatomy, cardiorespiratory function and anatomy, and changes in facial structure are explored.

Also discussed are the tools that are used for assessing sleep and how it may apply differently to children and adults. Chapters cover each group of sleep disorders with focus on how the diagnosis, prognosis, and management may change with the transition from childhood through adolescence to adulthood. In addition, gaps in needs and research are discussed.



This is your final Update for the year.

See you in 2024!