

Library Update

No.3, 1st March, 2021

2020 Ovid Medline global reload is complete

Medline via Ovid has now been updated with the 2021 edition of MeSH (Medical Subject Headings) from the National Library of Medicine

MeSH in 2021 includes 277 new terms, 14 changed or deleted and replaced terms.

[View a complete list of new headings.](#)

Contact Poh x55107, poh.chua@rch.org.au for help adjusting your saved searches.

New MeSH terms

See [COVID-19 and SARS-CoV-2 MeSH Terms](#). Some other new and interesting headings include :

- Aortic valve disease
- Aortico-ventricular tunnel
- Bicuspid aortic valve disease
- Brain cortical thickness
- Cardiometabolic risk factors
- Caregiver burden
- Cerebral cortical thinning
- Chain of infection
- Compulsive exercise
- Correctional facilities
- Deportation
- Developmental dysplasia of the hip
- Diagnostic reference levels
- Disease hotspot
- Emotional abuse
- Financial stress
- Food deserts
- Food insecurity
- Food security
- Functional status
- Gender equity
- Gender role
- Heart disease risk factors
- Hemorrhagic stroke
- Internet addiction disorder
- Internet use
- Interprofessional education
- Ischemic stroke
- Jails
- Physical distancing
- Practice patterns, pharmacists'
- Psychosocial functioning
- Psychosocial intervention
- Psychotherapists
- Quick diagnostic units
- Reinfection
- Reinjuries
- Return to school
- Social cognition
- Social factors
- Social inclusion
- Social interaction
- Teleworking
- Thrombotic stroke
- Vancomycin-resistant Staphylococcus aureus
- Water insecurity
- X-linked Emery-Dreifuss Muscular Dystrophy

Implications for saved searches in Ovid Medline, PubMed and The Cochrane Library

Check all your personal saved searches in Ovid Medline. Add new terms and replace moved/deleted terms with the updated terminology. Check the Scope Note for each MeSH term carefully for the definition, year of entry and previous indexing terms.

Saved search lines in PubMed and The Cochrane Library that contain thesaurus terms must also be checked and updated.

Commonly used terms that must be replaced

Current term	Replace with
Bonding, human-pet	Human-animal bond
Infantile apparent life-threatening event	Brief, resolved, unexplained event
Mentally disabled persons	Persons with mental disabilities
Social distance	Psychological distance

AIHW: latest reports

Aboriginal and Torres Strait Islander health expenditure estimates 2010-11 to 2016-17

This report presents estimated health expenditure for Indigenous and non-Indigenous Australians from 2010-11 to 2016-17. This report is a companion piece to the health expenditure-related information reported in the Aboriginal and Torres Strait Islander Health Performance Framework 2020. The total health expenditure per person for Indigenous Australians was 1.3 times that of non-Indigenous Australians in 2015-16. [Read the report.](#)

Childhood overweight and obesity—the impact of the home environment

Many factors influence childhood overweight and obesity. They include individual and family factors in the home environment—where a child lives and grows—as well as the broader community and society. Parenting practices, styles and modelling of behaviour influence their children's dietary intake, movement and health behaviours. This report looks at how nutrition, movement, psychological health, surrounding environmental factors and socioeconomic factors influence childhood overweight and obesity within the home environment.



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.](#)

Eye health

Visual impairment is the partial or full loss of sight in one or both eyes. Visual impairment may be the result of disease or injury, may progress over time, and may be permanent or corrected with visual aids (such as glasses) or with surgery. [Read the report.](#)

Exploring the definition of chronic conditions for collective monitoring in Australia 2021

Chronic conditions are the focus of significant research and policy interest in Australia. There is an ongoing need to review, refine and reassess how chronic conditions should be monitored. This paper summarises an approach by the AIHW National Centre for Monitoring Chronic Conditions to define and select chronic conditions for collective monitoring in Australia. [Read the report.](#)

Wellbeing and appreciation events

- 2021 – [International Year of Health and Care Workers](#)
- 2021 – [International Year of Peace and Trust](#)
- Mar 3 – [World Hearing Day](#)
- Mar 3 – [World Birth Defects Day](#)
- Mar 7 – [Clean Up Australia Day](#)
- Mar 8 – [International Women's Day](#)
- Mar 11 – [World Kidney Day](#)
- Mar 13 – [Coeliac Awareness Week](#)
- Mar 15 – [Harmony Week](#)
- Mar 19 – [National Ride2School Day](#)
- Mar 19 – [World Sleep Day](#)
- Mar 21 – [World Down Syndrome Day](#)
- Mar 22 – [World Water Day](#)
- Mar 24 – [World TB Day](#)
- Mar 26 – [Purple Day \(Epilepsy\)](#)
- Mar 27 – [Earth Hour](#)
- Mar 28 – [Neighbour Day](#)

Top 50 Most-Cited Campus Publications - updated

[This list](#) is updated every three to four months; significant changes are unlikely to occur more frequently.

We compile the list using *Scopus*, an abstract and citation database of peer-reviewed literature.

We search the Affiliation field for *Royal Children's Hospital, Murdoch Childrens Research Institute, and Department of Paediatrics, University of Melbourne*. Results are then sorted in descending order of times cited. Each item is manually edited for formatting consistency. The list is then exported and converted to a usable format.

UooUoo art trail

UooUoo (pronounced you-you) is an imaginary Australian creature whose shape is loosely drawn from the wombat and dugong. A mysterious being, UooUoo is highly empathetic, playful and brave, but can be mischievous at times.

One hundred UooUoo sculptures, all uniquely designed by Australia's most talented artists, will form walking trails of discovery and adventure for all to enjoy.

After entertaining children, adults and families alike, the legacy of Me and UooUoo continues as each sculpture is auctioned to raise funds for the RCH Foundation.

Download a map to [see all UooUoo locations.](#)

Library Update

Library Training

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 some Library training.

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

See our full list of [EndNote Tips](#) and [Database Search Tips](#), or our [Fact Sheets](#) for more in-depth information on searching or using Library services.

[Contact the Library](#) for more help.

Session	Next scheduled
Nursing & Allied Health	Wednesday 17 March, 2:00 pm
Cochrane Library	Tuesday 6 Apr, 10:00 am
EndNote Tutorial 1	Tuesday 9 March, 10:00 am
EndNote Tutorial 2	Tuesday 16 March, 10:00 am
EndNote Demonstration	Wednesday 17 Mar, 8:30 am
Finding the Evidence	Wednesday 14 April, 12:00 pm
Introduction to the Library	Tuesday 23 March, 12:00 pm
Ovid Medline	Tuesday 9 March, 12:00 pm
PubMed	Monday 15 March, 10:30 am

Search Tip: Map to the MeSH thesaurus in Ovid Medline

You can use the *Advanced Search* mode in Ovid Medline to find the relevant thesaurus (MeSH) terms for your search

We'll use an example search of *aortic valve disease*.

1. Enter the terms *aortic valve disease* into the search field
2. Check *Map Term to Subject Heading*
3. Hit *Search*
4. Now with the MeSH terms showing, select *Aortic Valve Disease* to display the tree
5. Scroll down to find *Aortic Valve Disease* and check *Explode* to include narrower terms
6. Important: check the scope note to see if this term is valid for the required years

Since *Aortic Valve Disease* is a newly entered term, you **must** include previous indexing terms: *Aortic Valve*, *Heart Valve Disease* in your search or you will not find anything on this topic before 2021.

Refer to [Fact sheet no. 2](#) on searching, saving and managing search results on Ovid, or [contact the Library](#) for more help.

Basic Search | Find Citation | Search Tools | Search Fields | **Advanced Search** | Multi-Field Search

1 Resource selected | HHS | CH3022
Ovid MEDLINE(R) ALL 1946 to February 22, 2021

Enter keyword or phrase: Keyword Author Title Journal 3

1 Limits (close) Include Multimed Map Term to Subject Heading 2

Select Subject Heading 4

- Aortic Valve Disease
- Aortic Valve
- Aortic Valve Stenosis
- Humans
- Heart Valve Diseases

<input type="checkbox"/> Heart Rupture	2000	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Heart Valve Diseases	2430	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/> Aortic Valve Disease	10	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Aortic Valve Insufficiency	14898	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Aortic Valve Prolapse	179	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Aortic Valve Stenosis	26567	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Bicuspid Aortic Valve Disease	1946	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Quadricuspid Aortic Valve	3	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Heart Valve Prolapse	33	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

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Scope Note for: Aortic Valve Disease

MeSH HEADING: AORTIC VALVE DISEASE

SCOPE: Diseases involving the AORTIC VALVE functionality. Aortic valve disease often results in VENTRICLE or a decreased blood flow from the heart. It includes congenital (e.g., bicuspid aort associated) conditions.

YEAR of ENTRY: 2021

PREVIOUS INDEXING: Aortic Valve (1963-2020); Heart Valve Diseases (1963-2020)

BMJ Best Practice - recent 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.

Try the new [Comorbidities tool](#).

Recently updated topics:

- [Tonsillitis](#)
- [Assessment of rash in children](#)
- [Coronavirus disease 2019 \(COVID-19\)](#)
- [Hand-foot-and-mouth disease](#)
- [Assessment of urticaria](#)
- [Management of coexisting conditions in the context of COVID-19](#)
- [Assessment of anaemia](#)
- [Assessment of traumatic brain injury, acute](#)
- [Faltering growth](#)

Health and Science News

- **Child heart transplants: Record year for new-style operations:** In the programme, so-called "non-beating donor hearts" are revived to give to teenage recipients. [Read more](#) [source: bbc.com]
- **Are COVID vaccines vegan? Should I get one anyway? An ethicist explains:** I believe vegans can get the COVID-19 vaccine in good conscience. Let me explain why. [Read more](#) [source: theconversation.com]
- **Study: Preschoolers with higher cardiorespiratory fitness do better on cognitive tests:** The study suggests that the link between cardiorespiratory fitness and cognitive health is evident even earlier in life than previously appreciated. [Read more](#) [source: eurekalert.org]
- **Better access to audiologists and allied health professionals imperative to indigenous communities:** Increasing the numbers of trained local Indigenous staff, with the skills to conduct initial screens, would provide communities with more control over their own care, improving short and long term health outcomes. [Read more](#) [source: healthtimes.com.au]
- **Why do kids tend to have milder COVID? This new study gives us a clue:** A new Australian study gives an insight into how kids' immune systems respond to infection with SARS-CoV-2. [Read more](#) [source: theconversation.com]
- **The U.K. approved the world's first COVID-19 human challenge trial:** It will deliberately infect people to find out how much coronavirus it takes to sicken someone. [Read more](#) [source: sciencenews.org]
- **Potential new treatment for fatal childhood brain cancer:** A new research paper reveals a potential revolutionary drug combination that could become an effective treatment for the incurable brain cancer known as diffuse intrinsic pontine glioma (DIPG). [Read more](#) [source: sciencedaily.com]
- **Aspirin preferred to prevent blood clots in kids after heart surgery, study suggests:** The research will have implications for clinicians when prescribing blood thinning medications after Fontan surgery. [Read more](#) [source: sciencedaily.com]
- **How to shape a productive scientist-artist collaboration:** Art-minded scientists and science-minded artists offer their top tips for collaborations that create captivating art and challenge entrenched ideas. [Read more](#) [source: nature.com]
- **Covid: Trials test the efficacy of Oxford-AstraZeneca vaccine on children:** Around 300 volunteers aged six to 17 are taking part in the study, which will see 240 children receive the Covid-19 vaccine, with the remainder given a control meningitis vaccine. [Read more](#) [source: bbc.com]
- **Gaming helped my lab-mates and me to conquer the social-distancing blues:** In a year fraught with despair, it is the little things that matter. These activities — even if virtual — have brought some joy and energy to our small group. [Read more](#) [source: nature.com]
- **As trials ramp up, doctors stress need to vaccinate kids against COVID-19:** Because children can transmit the virus to adults—for whom vaccination isn't 100% effective—protecting kids will be key to driving down infection rates. [Read more](#) [source: sciencemag.org]
- **New vaccine needed for serious childhood pneumonia:** A UNSW Sydney-led medical research team has called for a new vaccine, improved strategies and enhanced monitoring to combat serious complications from childhood pneumonia. [Read more](#) [source: scimex.org]
- **Catching COVID from surfaces is very unlikely. So perhaps we can ease up on the disinfecting:** What does the evidence *actually* say about surface transmission more than 12 months into this pandemic? [Read more](#) [source: theconversation.com]
- **JAMA journal retracts, replaces paper linking nonionizing radiation to ADHD:** The paper linked exposure to nonionizing radiation — think cellphones, Bluetooth devices and microwave ovens — during pregnancy to the risk for attention deficit disorder later in childhood. [Read more](#) [source: retractionwatch.com]
- **RMIT shuts down systems after malware hit:** Melbourne's RMIT University has shut down its IT systems to nullify what is believed to be a so-called phishing attack, where a staff member has been tricked into or accidentally clicked on a malicious link in an email. [Read more](#) [source: afr.com]
- **Advanced imaging and AI help classify child brain tumours:** Diffusion weighted imaging and machine learning can successfully classify the diagnosis and characteristics of common types of paediatric brain tumours, a UK-based multi-centre study has found. [Read more](#) [source: labonline.com.au]

iSearch COVID-19 Portfolio

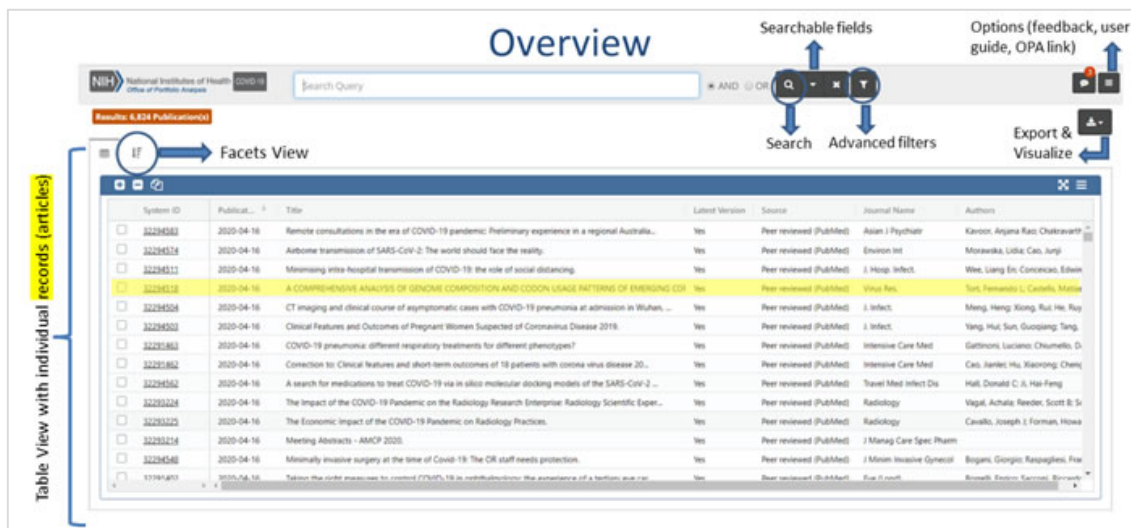
The [iSearch COVID-19 portfolio](#) is the National Institute of Health's (NIH) comprehensive, expert-curated source for publications and preprints related to either COVID-19 or the novel coronavirus SARS-CoV-2.

The COVID-19 Portfolio tool leverages the cutting-edge analytical capability of the iSearch platform, with its powerful search functionality and faceting, and includes articles from PubMed and preprints from arXiv, bioRxiv,

ChemRxiv, medRxiv, Research Square, and SSRN. The portfolio is updated daily with the latest available data.

There is a comprehensive [user guide](#) that covers navigation, advanced search, different views (table, facet or record) and export (supports Excel, CSV and RIS).

There are also [video tutorials](#) showing an overview of this portfolio, searching and refining results.



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.

Aggarwal, S., Borschmann, R. and Patton, G.C. [Centre for Adolescent Health, Murdoch Children's Research Institute; Department of Paediatrics, University of Melbourne, Parkville, Vic., Australia.], 'Tackling stigma in self-harm and suicide in the young', [Lancet Public Health 2021; vol.6\(1\), pp.e6-e7](#)

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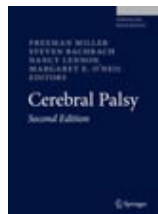
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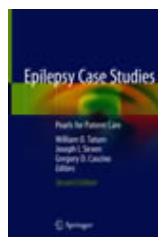


[Cerebral palsy](#) / edited by Freeman Miller, Steven Bachrach, Nancy Lennon, Margaret E. O'Neil. 2nd edition. Springer, 2021.

This new edition will grow to three volumes and significantly expand existing sections on medical management of children with cerebral palsy, research, education and therapies. The first volume will cover the cause of CP, the underlying pathology in the brain and the secondary pathologies in different tissues, such as muscle and bone.

There are a fair number of controversies and new techniques, such as PET scans, that are getting attention to make earlier diagnosis. It is still not clear whether early diagnosis makes a long term difference. Epidemiology will also be discussed. The second volume will focus on general medical concerns related to CP on each of the medical specialties and the musculoskeletal section - which served as the main focus of the previous edition. This volume will be updated with an emphasis on gait disorders, spasticity, seizures and movement disorders. New research and techniques on the hip and spine areas will be added as well. The third and final volume will be an expanded and comprehensive resource on therapies. More detail on the latest outcome research and techniques will be provided along with sections on orthotics and novel treatments and techniques. This reference work will build on gaps within the first edition and continue to be the definitive guide for rehabilitation physicians, orthopedics, neurologists and therapists who treat children with CP.

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[Epilepsy case studies : pearls for patient care](#) / edited by William O. Tatum, Joseph I. Sirven, Gregory D. Cascino. Springer, 2021.

This book presents a case based approach to epilepsy management in both diagnostic challenges and treatment of complex cases. Cases reflect “real life” patient scenarios that practitioners encounter with up-to-date terminology and treatment approaches. With 51 chapters, the book presents 51 unique, nuanced cases.

Beginning with an initial presentation of a case history, the book opens with a basis for drawing in multiple aspects in the treatment of patients with epilepsy. Each chapter is organized into a clinical history, physical examination results, and ancillary testing to concentrate on differential diagnosis and focus on a definitive procedural approach to the final diagnosis. Subsequent information about the condition expands on the knowledge of the clinical features to a solution of common patient clinical scenarios as it affects people

with epilepsy. A comprehensive successor edition, *Epilepsy Case Studies* is an invaluable resource to clinicians ranging from those looking for a quick review of a topic present in the table of contents, to those crossing disciplines into medical areas where seizures are a symptom of disordered or dysfunctional brain.

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[Facial-oral tract therapy \(F.O.T.T.\): for eating, swallowing, nonverbal communication and speech](#) / edited by Ricki Nusser-Müller-Busch, Karin Gampg Lehmann. Springer, 2021.

The book offers a comprehensive approach to the assessment and treatment of disturbances in facial expression, oral movement, swallowing, breathing, voice and speech production caused by developmental and acquired neurological conditions. The principles outlined are used in patients with different etiologies (e.g. stroke, tumors, traumas). F.O.T.T., developed by Kay Coombes, is a hands-on approach based on an understanding of neurological functions and the way we learn from experience.

The approach aims to give the patient experience of physiological posture and movement using facial-oral functions in normal activities of daily living (ADL). Rather than mere “exercises”, F.O.T.T involves meaningful activities aiming to promote participation, according to ICF criteria. Four main areas are covered: nutrition, oral hygiene, nonverbal communication and speech. Each chapter summarises the problems of severely ill patients and shows the clinical reasoning behind the solutions offered. Separate chapters discuss tracheostomy management and the training of the carers involved, including relatives. The chapter authors are experienced specialists (physio-, occupational- and speech-language therapists and physicians), whose contributions aim to provide interdisciplinary perspectives and translate latest research into clinical practice.

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[Pediatric anesthesiology review : clinical cases for self-assessment](#) / by Robert S. Holzman et al. Springer, 2021.

This book functions as a workbook for consultants in pediatric anesthesia. Based on a curriculum developed at the Boston Children's Hospital Department of Anesthesiology, the content illustrates the breadth and depth of the practice of pediatric anesthesia. Organized into two parts, the book seeks to provide a sense of progression and feedback using clinical scenarios to aid the medical professional in developing autonomy, while preserving the availability of expert level discussion.

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Each chapter features self-assessments in question and answer format, and encourages the reader to be creative in their responses by invoking not only their clinical knowledge, but their philosophical views of pediatric anesthesia practice as well. Practical and accessible, *The Pediatric Anesthesiology Review* is an essential resource for those looking to attain proficiency, expertise, and mastery in pediatric anesthesiology.

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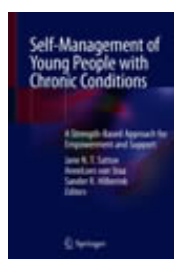


[Pediatric ophthalmology in the emergency room : evaluation and treatment](#) / edited by Roman Shinder. Springer, 2021.

This book aims to cover the important pediatric ophthalmic diagnoses that present in the emergency room. A collaborative work of experienced experts, it describes the history, examination, testing, epidemiology, pathogenesis, treatment, and prognosis for a variety of disorders. Richly illustrated, the book offers an invaluable tool for all specialists and trainees entrusted with the care of children presenting with ocular conditions. Across 17 comprehensive yet concise chapters, this book provides an overview on a number of typical pathologies, including trauma, infections, inflammations, and tumors.

Organized into five sections, each chapter is written to relay broad insight into the common ophthalmic conditions that may bring a child in for an acute healthcare visit. Additionally, skillfully written text is further supplemented by many high-quality images, including clinical photographs, fundus images, radiographs, and intraoperative photos. *Pediatric Ophthalmology in the Emergency Room* meets the market need for a resource on this specific topic designed for trainee instruction. It is a valuable text for medical students, residents, and fellows, as well as anyone involved in the urgent or emergent care of children, including ER physicians, ophthalmologists, optometrists and other personnel.

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[Self-management of young people with chronic conditions : a strength-based approach for empowerment and support](#) / edited by Jane N. T. Sattoe, Anne Loes van Staa, Sander R. Hilberink. Springer, 2021.

This book focuses on young people (12-25 years old) growing up with a chronic somatic condition and/or physical disability, facing different challenges during their transition to adulthood and to adult healthcare services. Becoming an adult often proves extra challenging for them, because the adaptive tasks related to living with a chronic condition can clash with developmental milestones. Finding a good balance and integrating these tasks in daily life is also referred to

as self-management. This book addresses self-management and empowerment of young people with chronic conditions as well as the Positive Youth Development concept. It elaborates on theories and approaches and offers a complete overview of self-management interventions for young people with chronic conditions, emphasizing on the tasks of medical, emotion and role management. It also elaborates on the roles and tasks of professionals, as well as the patient-provider relationship; the shifting roles between young people and their parents and the role of peer support. This book is unique in its broad view on self-management, i.e. it goes beyond medical management and focuses on young people achieving their maximum potential and a good quality of life.

Furthermore, the book employs a positive youth development approach, focusing on empowerment and growth rather than problems or issues. It offers an overview of the state-of-the-art and evidence concerning self-management support for young people with various chronic conditions. As such it is of benefit for all healthcare professionals working in care for young people, but also for researchers interested in this topic.

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[A quick guide to pediatric retina](#) / edited by Wei-Chi Wu, Wai-Ching Lam. Springer, 2021.

This book is intended to provide a quick guide to the field of pediatric retina. It has been long accepted that retinal disorders in children differ from those in adults.

Although there are plenty of published books on retinal diseases, most of them only cover adult retinal disorders. Therefore, information on pediatric retinal diseases is urgently needed. The book combines comprehensive information with rich illustrations to offer readers an in-depth understanding of the two main themes: retinopathy of prematurity (ROP) and other pediatric vitreoretinal disorders. World-renowned pediatric retina experts share their insights and research findings in areas such as ROP, familiar exudative vitreoretinopathy, Coats disease, retinoblastoma, congenital x-linked retinoschisis and hereditary retinal diseases.

Topics concerning modern and future medicine such as tele-screening for ROP, E-learning for ROP, and deep learning for ROP are also included. Designed to help readers understand the contents as quickly as possible, the book includes many useful tips and pearls, as well as easy-to-follow figures. It covers the majority of pediatric retinal diseases and offers essential information on their diagnosis and management. In addition, relevant and up-to-date references are provided for those who want to explore the topics in more depth. As such, the book offers an excellent reference guide to caring for these young patients.