New Media

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Pediatric anesthesia on the Internet

GENERAL INFORMATION SITES

PubMed: <http://ncbi.nlm.nih.gov/PubMed>

PubMed has been developed by the National Center for Biotechnology Information (NCBI) at the National Library of Medicine (NLM) located at the National Institute of Health (NIH) as a search tool for accessing literature citations and linking to full text journals. The PubMed database is drawn primarily from MEDLINE and PREMEDLINE and is free. It is easy to use, is able to perform Boolean searches and documents can be ordered online via LoansomeDoc. Searched documents are listed chronologically beginning with the most recent publications.

OMIM: <http://ncbi.nlm.nih.gov/Omim/>

OMIM (Online Mendelian Inheritance in Man) is a database of human genes and genetic disorders authored and edited by Dr. Victor A. McKusick and his colleagues at John's Hopkins University and elsewhere, and developed for the World Wide Web by NCBI. The database contains textual information, pictures, and reference information. It also contains copious links to NCBI's Entrez database of MEDLINE articles and sequence information. It is excellent for up to date well-referenced data on any inherited syndrome including information on all affected organ systems.

SITES OFFERING AN INDEX OF PEDIATRIC INTERNET LINKS

(note that excellent links are found in several Society Web sites listed in the final section)

1. Pediatric Anesthesia Resources on the Internet

<http://www.invivo.net/adarpef/pedia2.html>

A non-exhaustive list of over 100 internet links including European and North American sites in both English and French languages. The links have been divided into 11 categories including pediatric anesthesia and intensive care, search engines, pediatrics, pediatric hospitals and journals. There are some very useful links here.

2. Pediatric Resources on the Internet

<http://www1.cc.emory.edu:80/PEDS/gen-ped.htm>

This site is maintained by Emory University. Links here are also indexed. The bias is toward pediatrics rather than anesthesia. This site includes disease-specific links and a category devoted to parental self-help sites.

3. Pediatric Critical Care Medicine

<http://PedsCCM.wustl.edu/>

The site describes itself as a 'collaborative, independent, information resource and communication tool for professionals caring for critically ill and injured infants and children'. It is supported by the 'Section of Critical Care Medicine of the American Association of Pediatricians and the Pediatric Section of the Society for Critical Care Medicine. It is a very well constructed site and includes an online PICU textbook (which is multilingual and can be searched with ease), case report discussions, clinical pathways, literature reviews and a page devoted to downloadable software (some of which is very easy to download, while others (most notably a drug dose calculator) cannot be downloaded without the acquisition of other programs). It also contains a good index of PICU-related internet links.

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SPECIFIC SITES OF INTEREST

1. Acute Pain Management for Neonates, Infants and Children

<http://text.nlm.nih.gov/ftsr/pick?ftsrK=0&collect=ahcp&r&dbName=apmpq&t=864220407>

This guide has been written by the Agency for Health Care Policy and Research – a US government body whose purpose is in part dedicated to the development of clinical guidelines. Included in the guide is information about preoperative preparation and postoperative assessment and reassessment of pain in children. It also contains dosing data for opioids and NSAIDs and three referenced pain assessment tools. Additionally there is good guidance for the management of painful non-surgical procedures and strategies for non-pharmacological management of pain and anxiety.

2. Pediatric Pain – Science Helping Children

<http://is.dal.ca/~pedpain/pedpain.html>

This site is divided into three parts – professional resources, research resources and self-help resources. The last part is why the site is worth a visit. Also to be found at this web site is a very good index of pediatric pain related internet links. There are two online booklets- 'Pain, pain go away – Helping children with pain' (well written and informative – aimed at both the general public and health care professionals) and 'Making cancer less painful – a handbook for parents' (a wonderful resource). The Pediatric-Pain discussion list is administered from this site (see below).

MAILING LISTS IN PEDIATRIC ANESTHESIA AND INTENSIVE CARE

1. Pediatric Anesthesia Conference – 'open to all individuals with an interest in the free exchange of ideas on issues related to pediatric anesthesia'. This site is based at the Hospital for Sick Children, Toronto. Recent topics have included anesthesia for the management of pyloric stenosis, sickle cell patients and day stay surgery for ex-premature infants. Others subjects have included guidelines for continuous epidural infusions for postoperative pain relief, parental presence in the OR and pediatric surgery in hospitals without a PICU.

Address for messages: pac@anaes.sickkids.on.ca

Address for subscription: macjordomo@anaes.sickkids.on.ca

Message: *subscribe pac*

2. Pediatric Pain – discussion group for those interested in the management of all forms of pain in children. It is based at the IWK Grace Health Sciences Centre and Dalhousie University. Topics discussed recently have included management of metastatic bony pain, pain scales suitable for young children and

the use of epidural clonidine.

Address for messages: pain@ac.dal.ca

Address for subscription: mailserv@ac.dal.ca

Message: *SUB PEDIATRIC-PAIN*

3. PICU (Pediatric Intensive Care Unit) – scope in anything related to pediatric intensive care. Topics discussed recently include amenities for parents and heparinised arterial and central lines. This forum is also being used to advertise staff positions.

Address for messages: picu@its.mcm.edu

Address for subscription: listproc@its.mcm.edu

Message: *subscribe picu Firstname Lastname*

INTERNATIONAL SOCIETIES OF PEDIATRIC ANESTHESIA

1. The Society for Pediatric Anesthesia

<http://www.pedsanesthesia.org/>

The SPA web site lists services, meetings, institutions associated with the Society and a monthly newsletter. The site also lists job postings and future meetings.

2. Association of French Speaking Paediatric Anaesthetists

<http://www.invivo.net/adarpef/index2.html>

This is an elaborate web site that is easily navigated and well worth the visit. Both English and French languages are served. This site includes links to Pediatric Anesthesia and Intensive Care web sites, meetings both European and international, medline and issues specific for ADARPEF members. The Pediatric Anesthesia and Intensive Care links are very extensive. They include pediatric hospitals, pediatric search engines, books and journals, medline and society links. In addition, there are links in pediatrics, pediatric surgery and numerous teaching and educational resources.

3. Society for Paediatric Anaesthesia in New Zealand and Australia (SPANZA)

<http://www.health.adelaide.edu.au/paed-anaes/SPANZA/>

This web site celebrates the newly formed SPANZA. Currently the contents of this site pertains to society issues.

4. Federation of European Associations of Paediatric Anaesthetists (FEAPA)

<http://free.med.pl/feapa/>

This web site contains material specific to the federation as well as a calendar of meetings worldwide for anesthesia and intensive care.

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