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CRDAMC Med Lib / Sim Center News

CRDAMC Medical Library Room E2024A 2nd Floor, above Emergency 288-8996 crdamc.library@amedd.army.mil
Simulation Center Room 3119, 3rd Floor adjacent to Gastro 553-2070

Pardon Our Dust

Also in this issue—Library focus on materials for nursing see p. 2

Your recent visit to the library may have found things arranged differently or in some disarray. We apologize for any inconvenience that you may experience as we are doing some reorganization. This reorganization comes as a result of the shifting nature of our resources and our inventory process.

Last summer we compared our local subscriptions to our electronic resources. We combed over the databases that are provided by the AMEDD Virtual Library and the databases that we subscribe to locally to identify any duplication in titles. As a result, we were able to trim our subscription costs without losing any content. As of January 2012, a number of our titles went to online-access only. The remaining print subscriptions have been physically shifted on the periodical display space, but they continue to be arranged alphabetically by title. You will find the most recent copy of a journal on the front of the slant-face shelving. Recent back issues are stored behind the shelf; lift the face of the shelf to find them. Those journals which have shifted to electronic format are identified by a colorful 8 inch by 10 inch shelf marker that gives the journal title and where it can be found online.

Our inventory process is also influencing the library's reorganization. By regulation, the library must perform a physical inventory every three years. The inventory allows us to verify that every item in our database is on our shelves and that every item on our shelves is in our database. As we move through our collection in the inventory process, we are shifting the books to relieve shelf-crowding and make more logical shelf breaks. Every book will be handled and reshelved at least once during this process. Oversized items are being returned to the stacks as the inventory is performed. We hope that the oversized items will be easier to find once they are returned to their respective subject areas. The top shelf of each range will be used for the oversized items that belong to that call number area.

All of this movement and scanning of materials is noisy and messy; we apologize for the inconvenience. To keep our resources available to CRDAMC staff, we do not close the library while doing this work as well as ongoing shelf maintenance that is required every day. As always, if we are working away from the desk, please let us know that you need help by ringing the bell on the desk.

CRDAMC Contributes to Professional Knowledge

Givens, ML(2012) Toxic bradycardias in the critically ill poisoned patient. *Emerg Med Int.* vol. 2012, Article ID 852051, 6 pages, 2012. doi:10.1155/2012/852051

Abstract

Cardiovascular drugs are a common cause of poisoning, and toxic bradycardias can be refractory to standard ACLS protocols. It is important to consider appropriate antidotes and adjunctive therapies in the care of the poisoned patient in order to maximize outcomes. While rigorous studies are lacking in regards to treatment of toxic bradycardias, there are small studies and case reports to help guide clinicians' choices in caring for the poisoned patient. Antidotes, pressor support, and extracorporeal therapy are some of the treatment options for the care of these patients. It is important to make informed therapeutic decisions with an understanding of the available evidence, and consultation with a toxicologist and/or regional Poison Control Center should be considered early in the course of treatment.

Myers MM, Grieve PG, Izraelit A, Fifer WP, Isler JR, Darnall RA, Stark RI. (2012 Feb 16) Developmental profiles of infant EEG: Overlap with transient cortical circuits. *Clin Neurophysiol.* [Epub ahead of print] PMID: 22341979 [PubMed - as supplied by publisher]

Abstract

OBJECTIVE: To quantify spectral power in frequency specific bands and commonly observed types of bursting activities in the EEG during early human development.

METHODS: An extensive archive of EEG data from human infants from 35 to 52weeks postmenstrual age obtained in a prior multi-center study was analyzed using power spectrum analyses and a high frequency burst detection algorithm.

RESULTS: Low frequency power increased with age; however, high frequency power decreased from 35 to 45weeks. This unexpected decrease was largely attributable to a rapid decline in the number of high frequency bursts.

CONCLUSIONS: The decline in high frequency bursting activity overlaps with a developmental shift in GABA's actions on neurons from depolarizing to hyperpolarizing and the dissolution of the gap junction circuitry of the cortical subplate.

SIGNIFICANCE: We postulate that quantitative characterization of features of the EEG unique to early development provide indices for tracking changes in specific neurophysiologic mechanisms that are critical for normal development of brain function.

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Pesce D, Wethern J, Patel P. (2011 Dec) Rare case of medial subtalar dislocation from a low-velocity mechanism. *J Emerg Med.* 2011 Dec;41(6):e121-4. Epub 2008 Dec 4. PMID: 19062226 [PubMed - indexed for MEDLINE]

Abstract

BACKGROUND: Trauma to the foot and ankle from inversion injury accounts for a considerable number of Emergency Department (ED) visits. Acute subtalar dislocations are rare injuries most commonly caused by high-velocity mechanisms that can produce long-term complications if not reduced promptly. The subtleties of the dislocation on plain films can be easily overlooked in a fast-paced environment like the ED, especially if the patient presents with an atypical mechanism.

OBJECTIVES: The epidemiology, pathophysiology, plain X-ray findings, management, and prognosis of medial subtalar dislocations will be reviewed.

CASE REPORT: We present a case of medial subtalar dislocation secondary to a low-velocity mechanism in an otherwise healthy 37-year-old woman.

CONCLUSIONS: Although medial subtalar dislocations are an uncommon injury, they usually can be reduced easily in the ED, achieving a good long-term prognosis with appropriate follow-up. The findings on plain film X-rays can be subtle at times, and the dislocation may not always present with a classic history of high-velocity trauma.

Library Focus on Resources for Nursing

Whether you are transitioning from LVN to RN, RN to NP, practitioner to researcher and publisher or worker bee to administrator, the medical library has the information to meet your needs.

Finding Articles

CRDAMC Medical Library, in partnership with the AMEDD, provides a spectrum of resources for finding journal literature. All of these resources are linked on the library's Online Resources web page.

Cummulative Index to Nursing and Allied Health (CINAHL Plus with Full Text and **Nursing & Allied Health: Comprehensive Edition** both belong to the EBSCO family of databases. Click on EBSCO databases and choose "EBSCO databases including Biomedical Reference Collection" from the list of options. CINAHL is the premier database for nursing and allied health literature; it includes indexing for more than 5,000 journals and full text coverage for more than 700 dating back to 1937. This database also includes 275 monographs. Allied health literature covered spans diagnostic imaging, laboratory technology, ambulatory service, occupational therapy, phlebotomy, coding and billing, nutrition and dietetics and more. The Nursing and Allied Health : Comprehensive Edition database adds an additional 400-odd journals including 300 which are peer-reviewed. These databases can be searched simultaneously; book content is integrated with journal content.

Nursing Consult & Nursing Skills are provided through the AMEDD. They can be accessed through AKO at the AMEDD Virtual Library and through the library's Online Resources page. These belong to a family of products produced by Elsevier imprints Mosby and Saunders. Nursing Consult offers content from over 3 dozen reference books, full content from 40 nursing journals that span the spectrum of nursing practice, more than 500 practice guidelines and position statements and more.

Nursing Skills offer skill information for over 1200 skills alphabetically by name, specialty or subject. Selecting a skill brings up the Skill Content Player. The Skill Player provides a Quick Sheet overview, checklist, supply list, a test, an animation video demonstrating the skill which corresponds step by step with the Quick Sheet overview, and detail illustrations for clarification of key points. The database will show a list of related skills, references and book chapters available on the selected skill. Content for Nursing Skills is contributed by and/or reviewed by AACN, AORN, AWHONN and ASPEN.

Finding Books

All of our books, both paper and electronic, are cataloged in our online public access catalog. The catalog is linked on all library web pages and may be accessed directly at <http://tinyurl.com/CRDAMC-Lib-Cat>. Electronic books come from our local ebrary and mylibrary collections as well as electronic resources provided by the AMEDD such as Nursing Consult. Most nursing material falls under call numbers beginning with the letters WY. Information on the classification of materials for nursing can be found at http://www.nlm.nih.gov/class/class_wy.html.

Sample nursing titles:

- *101 Global Leadership Lessons for Nurses*; Nancy Rollins Gantz (2009) EBRARY
- *ASTNA Patient Transport : Principles and Practice* (4th Edition); Renee Holleran. (2009) EBRARY
- Basic steps in planning nursing research : from question to proposal WY 20.5 W877b 2011
- Clinical context for evidence-based nursing practice WY 100.7 C641 2010
- Handbook of Psychiatric Nursing, 2005 NURSING CONSULT
- Mentoring in Nursing: A Dynamic Collaborative Process; Sheila C. Grossman, (2007) MYLIBRARY
- Minor injuries : a clinical guide WY 154 P985m 2010
- *NOC and NIC Linkages to NANADA-I and Clinical Conditions - Version* : Nursing Diagnosis, Outcomes, and Interventions (3rd Edition) (2011) EBRARY
- Nurses on the front line : when disaster strikes, 1878-2010 WY 11 N87 2011
- Pharmacology : a nursing process approach QV 4 K26p 2009
- Physical assessment for nurses WY 100.4 P578 2010
- Project planning and management : a guide for CNLs, DNP's, and nurse executives WY 105 P9647 2011
- Telephone triage as professional nursing practice Improve quality & reduce risk, 2007. Includes workbook and 8 DVDs.
- Ulrich & Canale's Nursing Care Planning Guides, 2010 NURSING CONSULT
- Wong's Clinical Manual of Pediatric Nursing, 8th ed, 2011 NURSING CONSULT
- Writing for publication in nursing WZ 345 O29w 2010

Test Prep

There are more than 50 items for nurses in our test preparation and certification examination collection area. Topics covered include

- *Acute care nurse practitioner
- *CCEN
- *CCRN
- *CEN
- *CNOR
- *CPEN
- *LPN to RN transitions
- *Maternal-newborn nursing
- *Med-surg nursing certification review

- *Med-surg nursing certification review
- *Midwifery & women's health nurse practitioner
- *Neonatal certification review for CCRN
- *NCLEX-PN
- *NCLEX-RN
- *Nurse anesthetist
- *Nurse practitioner
- *Pediatric CCRN
- *Psychiatric nursing