

Librarian Involvement in Evidence-Based Practice among Clinical Nurses

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Nursing Education, Development & Research (EDR)

- Attend departmental meetings—not to present, but to listen and learn what the focus and goals of nursing are.
- EDR consists of advanced practice nurses like Clinical Nurse Educators (CNE) and Clinical Nurse Specialists (CNS), who work with nursing units throughout the organization on education, change, and EBP projects.
- EVIDENCE-BASED PRACTICE example: EDR was updating the nursing standards and decided that every standard should have footnoted references supporting it at the bottom of the page. I suggested we could link the reference to the record in PubMed or CINAHL or our catalog so that anyone wondering about the basis of the standard could click the link to retrieve the original research evidence.

UC San Diego MEDICAL CENTER
UCSD Medical Center
Pulmonary Standard

KEY:
LOE = Level of Evidence Based
N = National Practice Guideline Protocol
L = Literature
R = Research Based
E = Expert Opinion/Consensus

System Focus	LOE	Assessment Data	Interventions	Communication/Documentation
Ventilator Bundle to Reduce Ventilator Acquired Pneumonia (VAP) Critical Care Only	N ¹⁴ , R ¹⁵ , L ¹⁶	Oral mucosa is assessed for color, moisture and integrity every shift, with ET tube repositioning or re-taping, and PRN Ventilator Acquired Pneumonia risk is assessed every shift and PRN	VAP risk will be reduced by: <ul style="list-style-type: none">• Head of bed maintained at 30-45° unless contraindicated• Post pyloric enteral feeding with placement confirmed per GI standards• RN will maintain sedation according to the Richmond Agitation and Sedation Scale (RASS)• Readiness for extubation is assessed daily by RT in collaboration with nursing using UC San Diego Respiratory Department Patient Driven Protocols	Document patient position, degree of elevation of HOB, verification of enteral feeding tube placement and oral care on the treatment section of the ICU documentation record Patients receiving continuous sedation will have MD consult regarding order for daily "sedation vacation" to evaluate the patient's cognitive function MD consulted regarding orders for peptic ulcer disease & DVT prophylaxis, if not already present and not medically contraindicated

¹⁴ Westwell, S. Implementing a ventilator care bundle in an adult intensive care unit. *Nurs Crit Care*. 2008; 26(6 suppl): 1-11.
¹⁵ Muscedere J, et al. Comprehensive evidence-based clinical practice guidelines for ventilator-associated pneumonia: diagnosis and treatment. *J Crit Care*. 2008; 23(1): 138-147.
¹⁶ Munro, C., Grap, MJ, et al. (2009). Chlorhexidine, Toothbrushing, & Preventing Ventilator-Associated Pneumonia in Critically Ill Adults. *American Journal of Critical Care*, 18(5): 428-438

Guideline Title: Pulmonary Standard
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Journal Clubs

- **Understanding Research** is one of the key knowledge hurdles for nurses practicing EBP. Journal clubs provide practice.
- Resources for Understanding Research:
 - ✧ Davies, B. & Logan, J. (2012). *Reading research: A user-friendly guide for health professionals* (5th ed). Toronto, ON: Elsevier.
 - great "getting started" guide; less than 100 pages; has bibliography, glossary, & worksheets
 - ✧ Huck, S. W. (2012). *Reading statistics and research* (6th ed). Boston: Pearson.
 - written by former community college teacher with a knack for explaining. Provides examples good & bad; excellent index; I use it to look up unfamiliar terms as I'm reading research.

Magnet & Shared Governance

- Learn the Magnet model and incorporate the language into your work <http://www.nursecredentialing.org/Magnet/ProgramOverview/New-Magnet-Model.aspx>
- There are many Shared Governance Councils if your organization is pursuing Magnet. Attending meetings matters—it makes you more approachable.
- Unit-based Councils work on EBP projects specific to their work unit. I teach them search strategies and help them understand levels of evidence.
- **Research Council** – a “no-brainer” for librarians! As an active member, I receive referrals for consults or literature searches. I teach *Searching the Nursing Literature Effectively*, which starts with converting a clinical question to a research format (Guyatt’s PICO), using subject headings for relevance and limits to narrow to peer-reviewed research and high levels of evidence...and, of course, using multiple databases.