

Announcement

ICCMU is pleased to announce the release of six (6) statewide clinical practice guidelines for adult ICUs.

The guideline development began in June 2005 with a seminar for senior nursing clinicians from intensive care units from across the state. Following the workshop six guideline development networks (GDN) were formed. This first round of guideline development focused on nursing oriented guidelines and was completed in November 2007. Over the past 2 years the GDNs have reviewed the scope of practice for each guideline, conducted systematic literature reviews and developed recommendations for practice. After the guidelines were written an external validation process for each guideline was successfully completed. PDF copies of the guidelines can be found at the ICCMU website.

ICCMU wishes to thank all of the members of the various GDNs and the academic team for their hard work and persistence. The Project would not have been realised without the collaborative efforts of this group of professionals.

Guidelines:

Hygiene for the Critically Ill Adult:

- * Consensus-based Clinical Guideline for the Provision of Oral Care for the Critically Ill Adult
- * Provision of Eye Care for the Critically Ill Adult

Clinical Practices for the Ventilated Patient:

- * Stabilisation of an Endotracheal Tube for the Adult Intensive Care Patient
- * Suctioning an Adult with a Tracheal Tube

Haemodynamic Monitoring:

- * Nursing Care of Central Venous Catheters in Adult Intensive Care
- * Nursing Management of Arterial Catheters for Critically Ill Patients

Where to find them:

<http://intensivecare.hsnet.nsw.gov.au> (then go to *Statewide Guidelines*)

CLAB ICU Report

<http://www.cec.health.nsw.gov.au/moreinfo/CLAB.html>

Welcome to the first Central Line Associated Bacteraemia (CLAB) ICU project update. The CLAB ICU project commenced in June 2007 and seeks to improve patient outcomes by reducing CLAB. To achieve this aim, a standardised evidence based guideline for the insertion and management of central lines in NSW Intensive Care Units has been developed and is being implemented over 12 months.

There are 36 public ICU's regularly submitting checklists. We thought you might like to have some feedback about the interesting trends demonstrated by the raw data. It is important to note that these figures represent a hand count and not a statistical analysis.

Table 1 CVC Blood Stream Infections per month reported for all facilities as at: 18 December 2007

Month (2007)	No. of Records	BSI's
June	59	0
July	432	3
August	483	15
September	552	8
October	522	8
November	391 (to 18/12)	6

The safe insertion of central venous catheter guidelines recommends the preferential use of subclavian lines in the absence of contraindications, to reduce the risk of infection. One topic generating discussion is the documented increased risk of pneumothorax arising from subclavian insertions. To contribute to this discussion we have included a breakdown of the complications as currently noted in the database.

Table 2 Reported Complications by insertion site

	S	J	CF	F	O
Lines Reported	749	782	297	563	94
Pneumothorax	10	2	2*	1*	
Malposition	21	8	10	9	1
Haemorrhage	4	4	6	2	

S = Subclavian J = Jugular CF = Cubital Fossa
F = Femoral O = Other

* Data checked against original source

A learning session was held on 2 November to support clinical practice improvement for this project. Based on feedback from that day, the working policy has been updated to include definitions of key terms and an escalation procedure regarding multiple passes. The revised version is awaiting final sign off by the Expert Group.

The current version is available on the [CLAB ICU website](#). Also available are the recently completed statewide guidelines: *Nursing Care of Central Venous Catheters in Adult Intensive Care*. Visits to all participating facilities are ongoing. Many sites have implemented innovative local initiatives to improve patient care. We have included photos of the visits on the website.

A statewide tender for a standardised CVC pack will be initiated soon based on your feedback. If you did not get the opportunity to provide feedback about the optimum contents of the pack at the November Learning Session, please download the evaluation form from the resources section of the [CLAB ICU website](#) and fax it to Marghie Murgo on 9382 7615.

For further information about the CLAB ICU project please email: **Marghie Murgo:**

margherita.murgo@cec.health.nsw.gov.au OR

Tony Burrell: BurrelA@wahs.nsw.gov.au

Ethical, legal and organizational issues in the intensive care unit – Current Opinion in Critical Care – Review Articles

- How safe is my intensive care unit? An overview of error causation and prevention - Andreas Valentin; Julian Bion
- How safe is my intensive care unit? Methods for monitoring and measurement - Sean M Berenholtz; Aliaksei Pustavoitau; Steven J Schwartz; Peter J Pronovost
- Communication skills and error in the intensive care unit. - Tom W Reader; Rhona Flin; Brian H Cuthbertson

<http://www.criticalcare.com/pt/re/cocritcare/currenttoc.htm;jsessionid=HThbt37JxC4b3QgHpcGsDQw2lbV3GsmX73J68z7s2nRryLvDv22j!-1601909834!181195629!8091!-1>

International Guidelines

1. New from National Guideline Clearinghouse (NGC) USA

National Academy of Clinical Biochemistry

- Evidence based practice for point of care testing Coagulation.
http://www.guideline.gov/summary/summary.aspx?view_id=1&doc_id=10814
- Use of cardiac biomarkers for acute coronary syndromes.
http://www.guideline.gov/summary/summary.aspx?view_id=1&doc_id=10815

Registered Nurses' Association of Ontario (RNAO).

Assessment and management of stage I to IV pressure ulcers.

http://www.guideline.gov/summary/summary.aspx?view_id=1&doc_id=11013

2. New from National Institute for Clinical Excellence (NICE) UK

Acutely ill patients in hospital

Recognition of and response to acute illness in adults in hospital

<http://www.nice.org.uk/guidance/index.jsp?action=byID&o=11810>

3. American College of Cardiology and American Heart Association

Cardiac ACC/AHA 2007 Guidelines on Perioperative Cardiovascular: Evaluation and Care for Noncardiac Surgery.

A Report of the American College of Cardiology / American Heart Association Task Force on Practice Guidelines

http://www.acc.org/qualityandscience/clinical/guidelines/Periop_FullText_2007.pdf



Useful Websites:

ICU Forum

"Critical Care A Day" (icuroom.net) is a non-profit forum for intensivists. There are 3 basic objectives for this site.

- 1) Everyday learn one thing about Critical care
- 2) Create a database of Critical Care related articles / protocols that are not necessarily encountered on a daily basis, including "pearls" of wisdom found in the '[previous pearls](#)' section.
- 3) Put Critical Care related sites at one place.

<http://www.icuroom.net/index.html>

Useful Websites (cont'd):

Rhythm Interpretation

Want to have a bit of fun while you are learning or updating your knowledge of rhythm interpretation. Try the ECG game developed by Dr Margaret Hansen

http://maagnursing.com/flash/ecg_activity.html

Access to some handy GREY literature

The grey literature is a useful source of research information however accessing this information can be difficult. Have you heard about the AACN National Teaching Institute? This annual conference is the US equivalent of ACCCN ICE conference. The link provided connects to the 2007 conference. Navigate to the menu on the left hand side and under 'Poster Presentations' you will gain access to both abstracts and PPT from the free papers presented.

Presentations are divided into *Research* and *Creative Solutions* and then subdivided into a range of areas which can include: bedside clinical practice; quality; education; advanced clinical practice; guideline development; and ethics.

<http://www.aacn.org/nti/nti07.nsf/vwdoc/AboutNTI>

For Your Diary:

- **Austrauma 2008**
15-16 February 2008
Sydney Convention Centre, Darling Harbour
Emergency Workshop Day February 14
Website: <http://www.austraumaconference.org/>
- **Critical Care Conference in the Vineyards**
17th & 18th April 2008
Hunter Valley, Newcastle
Contact: Jane O'Brien OR Karen Chronister
0438 476 907

- **Connecting with Neuroscience**
18th April 2008
Education and Research Centre,
St George Hospital, Kogarah
Contact: Jo McLoughlin
Joanne.McLoughlin@sesiahs.health.nsw.gov.au
Roslyn Millar
Roslyn.Millar@sesiahs.health.nsw.gov.au
Karen Wiseman
Karen.Wiseman@sesiahs.health.nsw.gov.au
- **NECSS - Care of the Critically Ill Patient**
30th April - 1st May 2008
Coffs Harbour
Further details will be included as they are available.
Contact: ICCMU iccmu@wahs.nsw.gov.au
- **9th Annual Institute of Continuing Education - ICE ACCCN**
13-14 June 2008.
Brisbane
Further details will be included as they are available.

All web and email addresses were correct at time of publication

Edited by Di Kowal & Kaye Rolls

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In-services:

Has your unit had an inservice yet?

Do you want another inservice?

Please contact: **Kaye Rolls**

☎ 02 4734 1489 / 4734 1585

@ Rollsk@wahs.nsw.gov.au

Sorry for NSW & ACT members only

Seasons Greetings from ICCMU

*The staff of the Intensive Care Coordination and Monitoring Unit
wish you all the best for the holiday season
and the coming New Year.*

We look forward to working with you again in 2008.

