

NSW ACCCN Seminar 2005

The Intensive Care Collaborative: Developing evidence based clinical guidelines

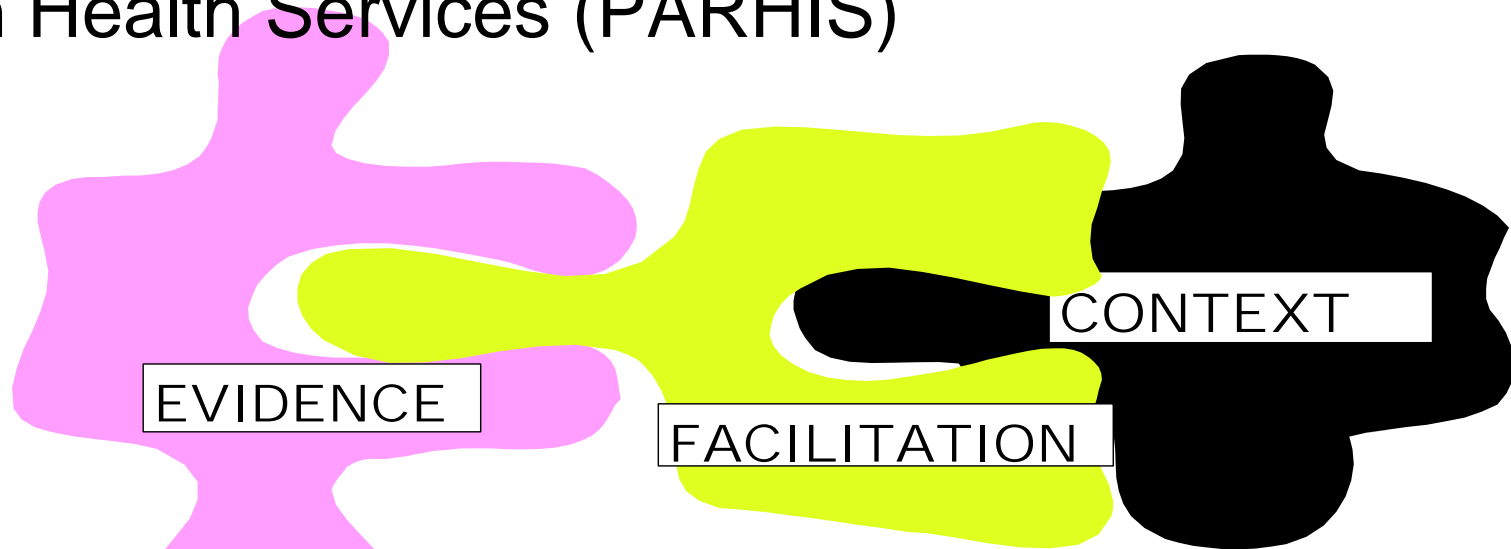
Kaye Rolls CNC
Clinical Project Officer
NSW Intensive Care Coordination and
Monitoring Unit



What is evidence-based practice ?

- ✦ "Evidence-based practice integrates the providers' clinical expertise with the best external clinical evidence" (Sackett et al 2000)

Promoting Action on Research Implementation in Health Services (PARHIS)



Kitson A, Harvey G, and McCormack B, (1998) Enabling the implementation of evidence-based practice. *Quality in Health Care*, 7: 149-158



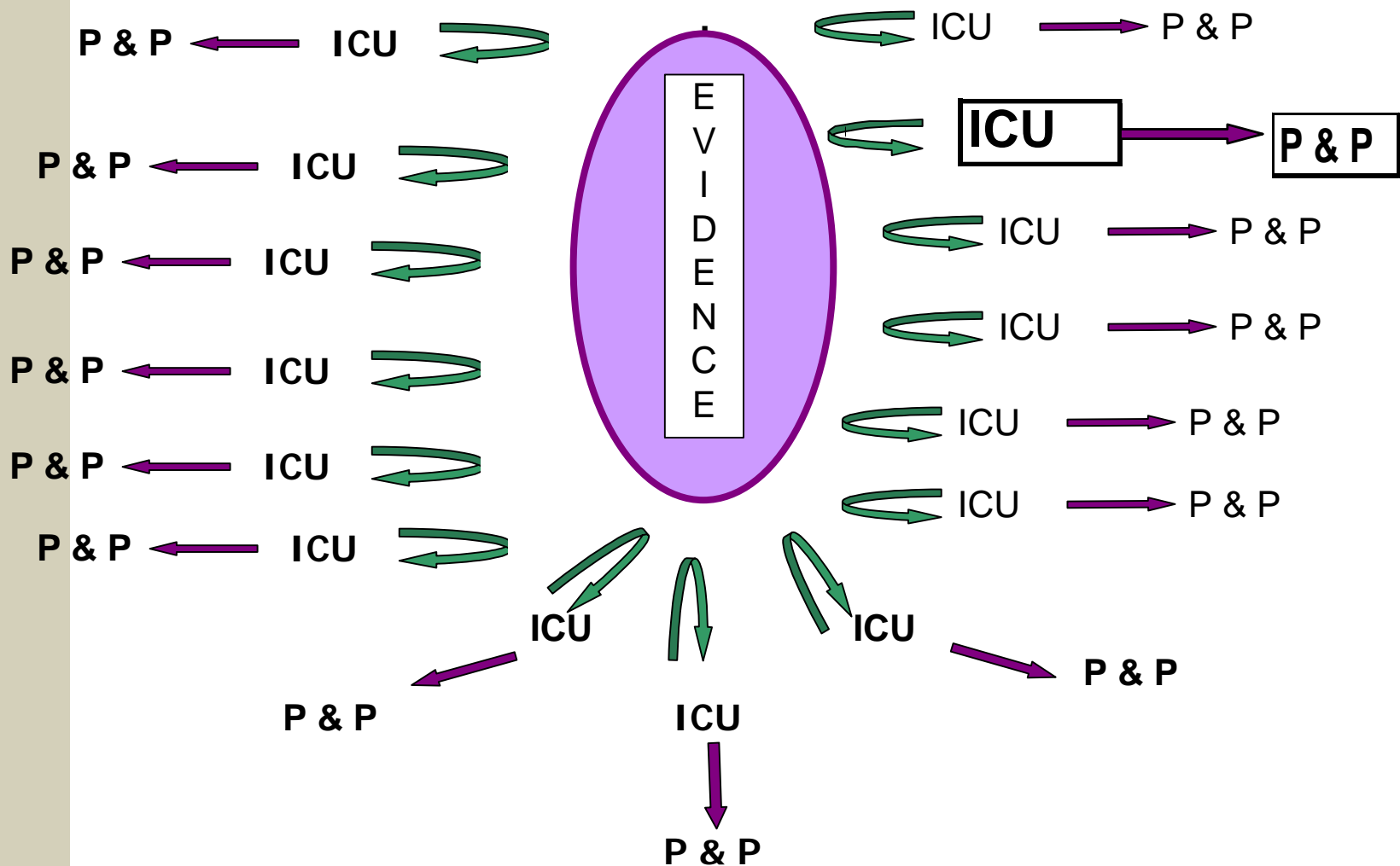
Why Evidence Based Practice Guidelines?

- ✦ To ensure that the care delivered is appropriate and cost effective
- ✦ To reduce variations in clinical practice
- ✦ Assist health professionals to make evidence-based decisions on health care
- ✦ Provide consumers with information to make informed decisions

Abbenbroek B (2005) Setting the context: why evidence based practice guidelines. 'Getting evidence into practice' Workshop June 14 2005



A model past it's used by date?

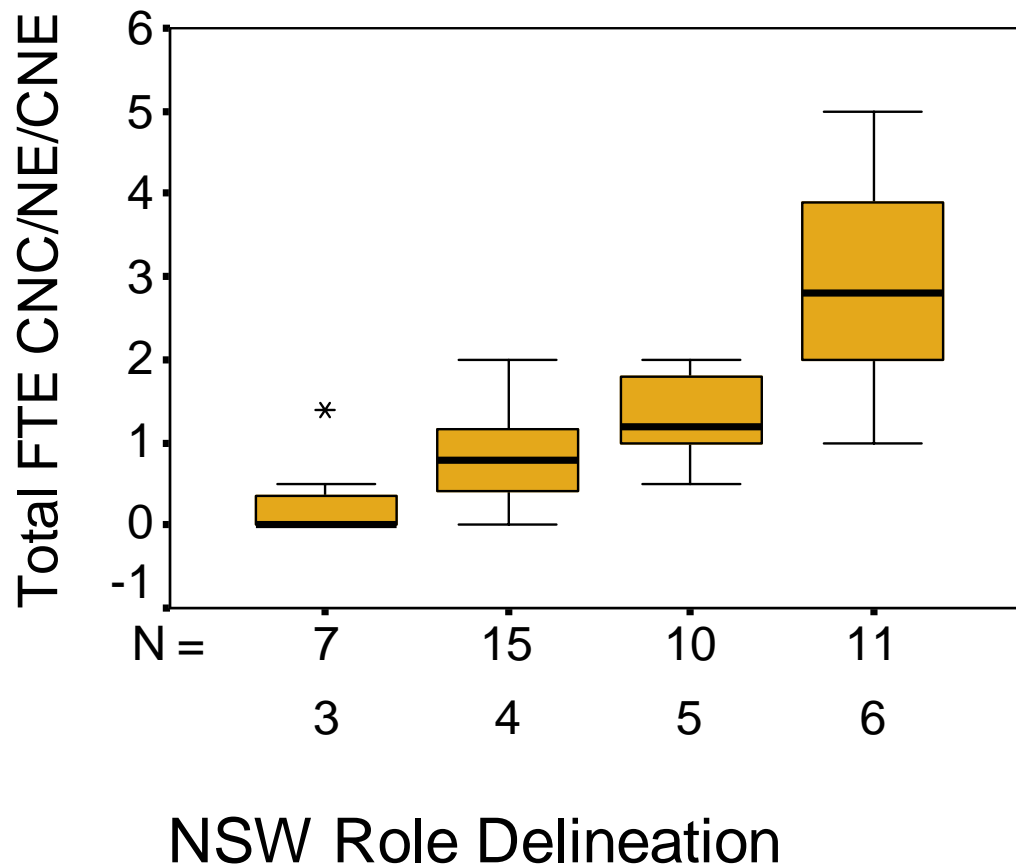


Current Barriers to application of the Evidence in NSW ICUs

- ✂ Clinicians to do the work
- ✂ Time
- ✂ Access to information
- ✂ Skills to appraise evidence
- ✂ Evidence



Access to expert & specialist critical care nurses



Current Barriers to application of the Evidence in NSW ICUs

- ✖ Clinicians to do the work
- ✖ Time
 - ❖ Is not allocated within working day
- ✖ Access to information
 - ❖ Access to CIAP
 - ❖ But limited computer access
- ✖ Skills to appraise evidence
- ✖ Evidence



Nagy S, Lumby J, McKinley S and Macfarlane C (2001) Nurses' beliefs about the conditions that hinder or support evidence-based nursing. *International Journal of Nursing Practice*, 7: 314-321



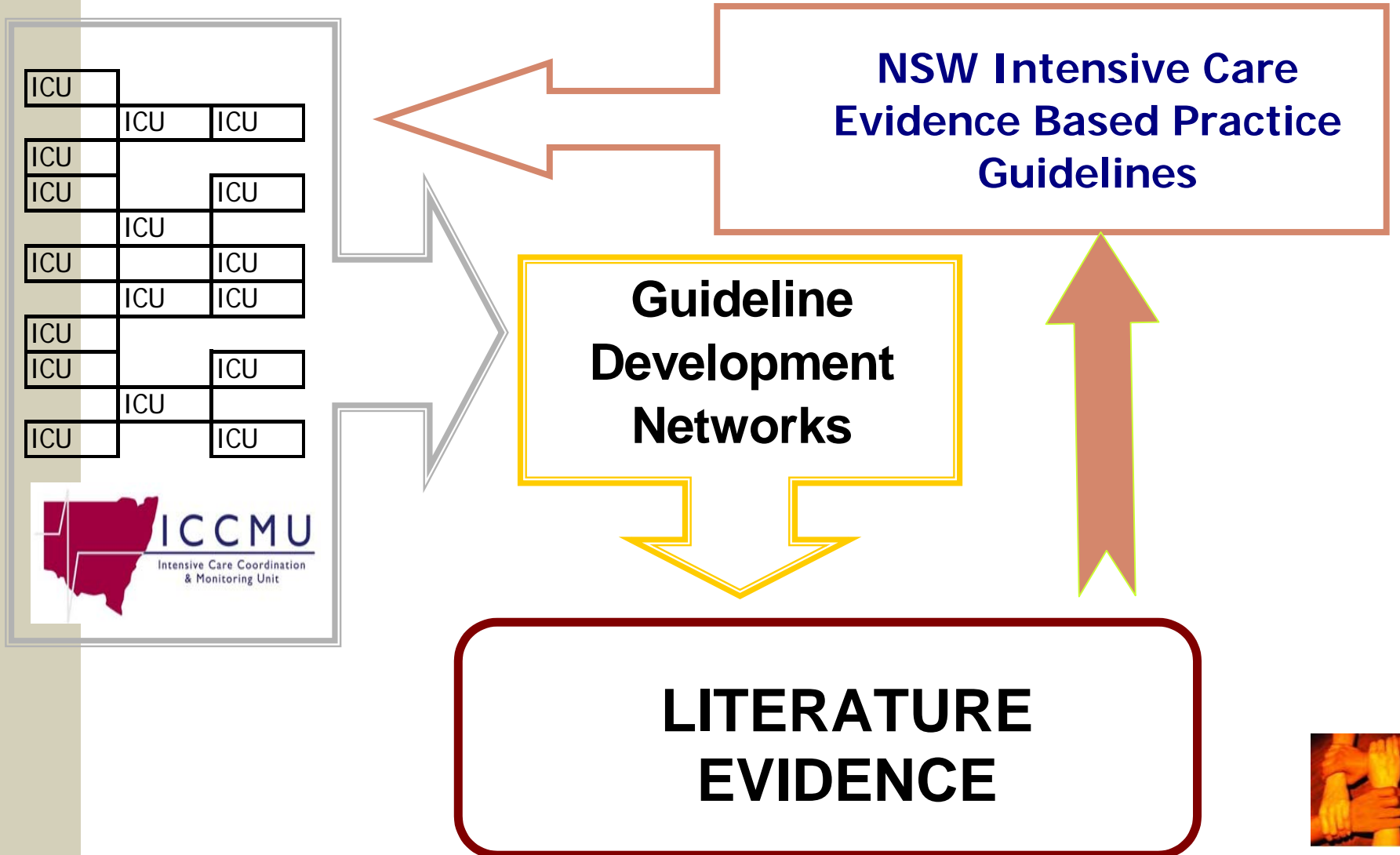
Characteristics of NSW Intensive Care Culture

ICUConnect has revealed

- ✚ All ICU require help with developing policy and procedures.
 - ❖ ICUConnect - 976 emails on line
- ✚ The Intensive Care community is willing to share.
 - ❖ 860 represent requests for help or help provided
 - ❖ 24 contributions by ICU



Intensive Care Collaboration Project



So what guidelines will be developed?

- ✦ Pre workshop survey (n=58)
- ✦ Purpose
 - ❖ Identify the priorities for guideline development
 - ❖ Empower the participants
- ✦ Results
 - ❖ 29 returned
 - ❖ Generated 171 guideline requests
 - ❖ 'bread and butter' clinical guidelines



Guideline requests by Major Category

Emergency 1%

Unit Management – 2%

Organ Replacement Therapy – 4%

Drug protocols – 4%

Haemodynamic
Monitoring – 15%

Arterial Lines

CVC

Speciality – 16%

Routine care of the
critically ill patient – 30%

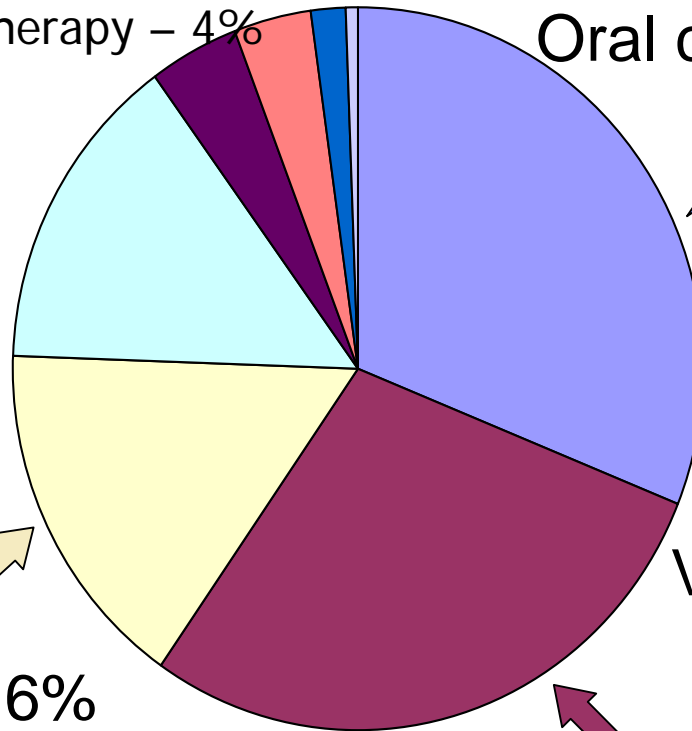
Eye care

Oral care

Ventilation – 28%

Suction

ETT tying



Where is the Project at ?

🔦 Workshop June 14

- ❖ Educate CNE, CNS, NE, & CNC on systematic reviews and the Project
- ❖ Identify which Guidelines for development
- ❖ Formation of GDNs

🔦 Guideline Development Groups

- ❖ Finalise next week
- ❖ First Meeting 2nd week in August (teleconferencing)

🔦 Timeline

- ❖ 12 month timeline

🔦 Paperwork



The Benefits of this Project

- ✚ The whole is greater than the sum of the parts
 - ❖ Enhanced Networking
 - ❖ Professional development of GDN members
 - Literature review, writing & clinical audit skills
 - ❖ 6 Evidence based guidelines
 - ❖ 6 systematic reviews
- ✚ Improving the level of evidence based practice across all NSW ICU
- ✚ Improve patient outcomes across all NSW ICU





show me the evidence?



www.intensivecare.org.au



NSW Intensive Care Evidence Based Clinical Guidelines

Many thanks to

- ✦ Brett Abbenbroek
- ✦ Professor Doug Elliott
- ✦ Members of the GDNs
- ✦ Dr Tony Burrell and Di Kowal

