



Sarah Macdonald and Michelle Knox

Objectives for the day

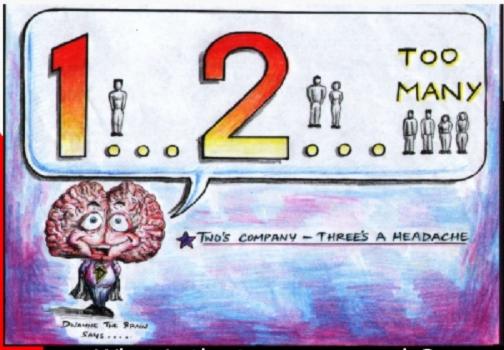
- What is Neuroservices?
- What is the rest period and the two person rule?
- The Patho-physiology behind the rest period
- How do nurses, families, and patients view the rest period?



What is Neuroservices?



What is the rest period?



What is the two person rule?

What about the Pathophysiology?

- Intracranial Pressure
- Monro-Kellie Hypothesis
- Autoregulation

Intracranial Pressure (ICP)

The pressure exerted within a rigid skull by the combined volume of it's components

ICP

- Brain Tissue 80%
- Blood Volume 10%
- Cerebrospinal Fluid 10%

Monro-Kellie Hypothesis





If the volume of one component increases then, one or both of the other components must decrease to maintain ICP

Autoregulation

The Brain's ability to regulate it's own blood supply

Loss of autoregulation means that the brain becomes passively dependent on the systemic blood pressure

Startle Reflex



Release of catchecholamines



Results in peripheral vasoconstriction



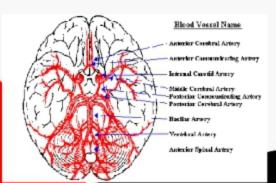
Leads to increased heart rate, cardiac output, and therefore increased blood pressure.



Impaired Autoregulation - raised cerebral blood flow



Raised ICP





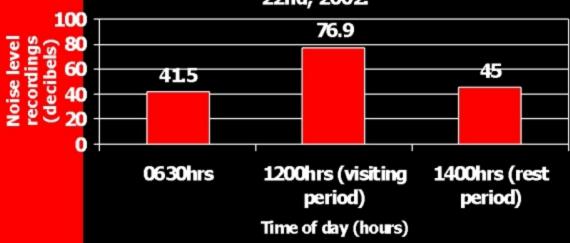
Subarachnoid Haemorrhage

How do Nurses view the rest period?

Nurses are advocates for the patients

Our patients are often tired, confused, sleep-deprived, nauseated, and in pain.

Comparison of noise levels in 6DNIC, between visiting time and the rest period on January 22nd, 2002.





How do families/whanau view the rest period?

Critical illness is experienced collectively - not individually

Family members of head injured patients have increased incidence of: duodenal ulcers, heart attacks, depression and divorce.

Engli and Kirvisali-Farmer

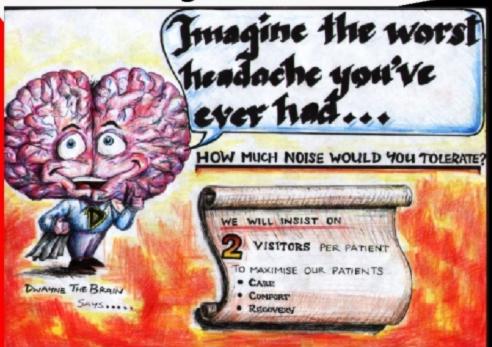
There is a statistically significant difference that exists between:

the nurses' perceptions of family needs

the families' perceptions of family needs

The Family Experience

- Loss of control for the families
- Unfamiliar environment
- Dependent on people they don't know
- Trust why doesn't it apply both ways?
- Individual nurses changing the visiting rules?



How do Patients view the rest period?

Objectives for the day

- How did the visiting policy become an issue?
- What interventions have we implemented
- Feedback so far...
- Our plans for the future

How the visiting policy became an issue

Identified as a problem

A policy committee was set up

The first idea was posters...

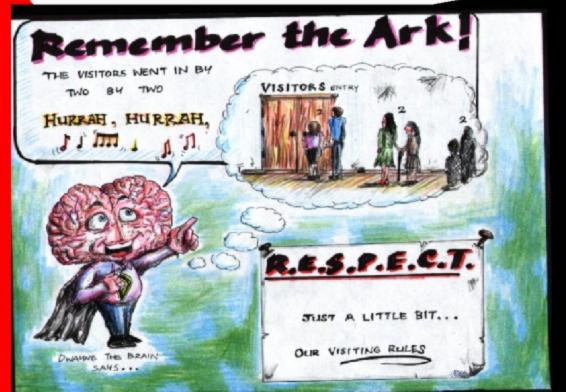
Teaching People

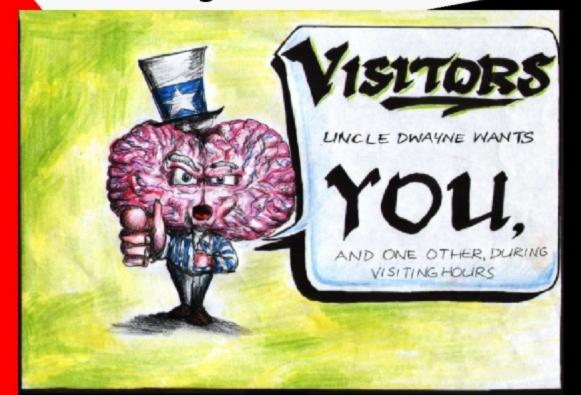
- Recognisable language for the learner
- Message is clear and precise
- Anxiety
- Humour



OUR VISITING HOURS ARE BETWEEN 11am- 1pm AND 3.30-8.00





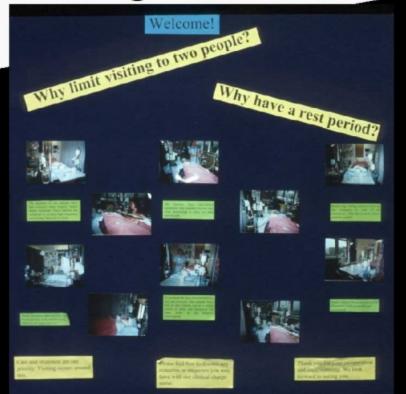


Confrontation

- C Clarify
- A Articulate
- R Request
- E Encourage



6DNIC

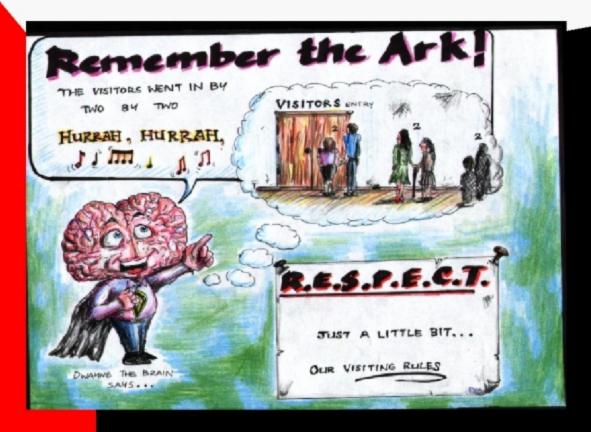


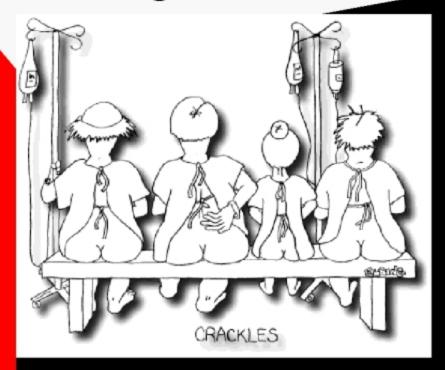
How does the MDT view the rest period?

They loved it.....reported patients responded more effectively to therapy after rest.

The future...







The End.