

# 4th EfCCNa Congress & FSAIO Spring Congress



CRITICAL CARE NURSING IN EUROPE: WORKING TOGETHER ACHIEVING MORE

## Workshop

### Nursing Activities Score: share our experiences

Introductory note  
Dinis Reis Miranda

25th March 2011

# WHY measure nursing workload ?

## Because:

- 1. The number of FTE's (available/required) is related to**
  - Effective planning of staffing
  - Costing/Budgeting the ICU (cost nursing staff = 30% total ICU costs)
- 2. It helps to stratify patient populations**
- 3. It defines Levels of Care based on P/N ratios**

Of all instruments for measuring nursing workload in the ICU

**NAS is the best performer**

Because:

- **The items cover almost all nursing activities**
- **The description of the items will easily accommodate new activities**
- **It explains 81% of Total Nursing Time**

**Because:**

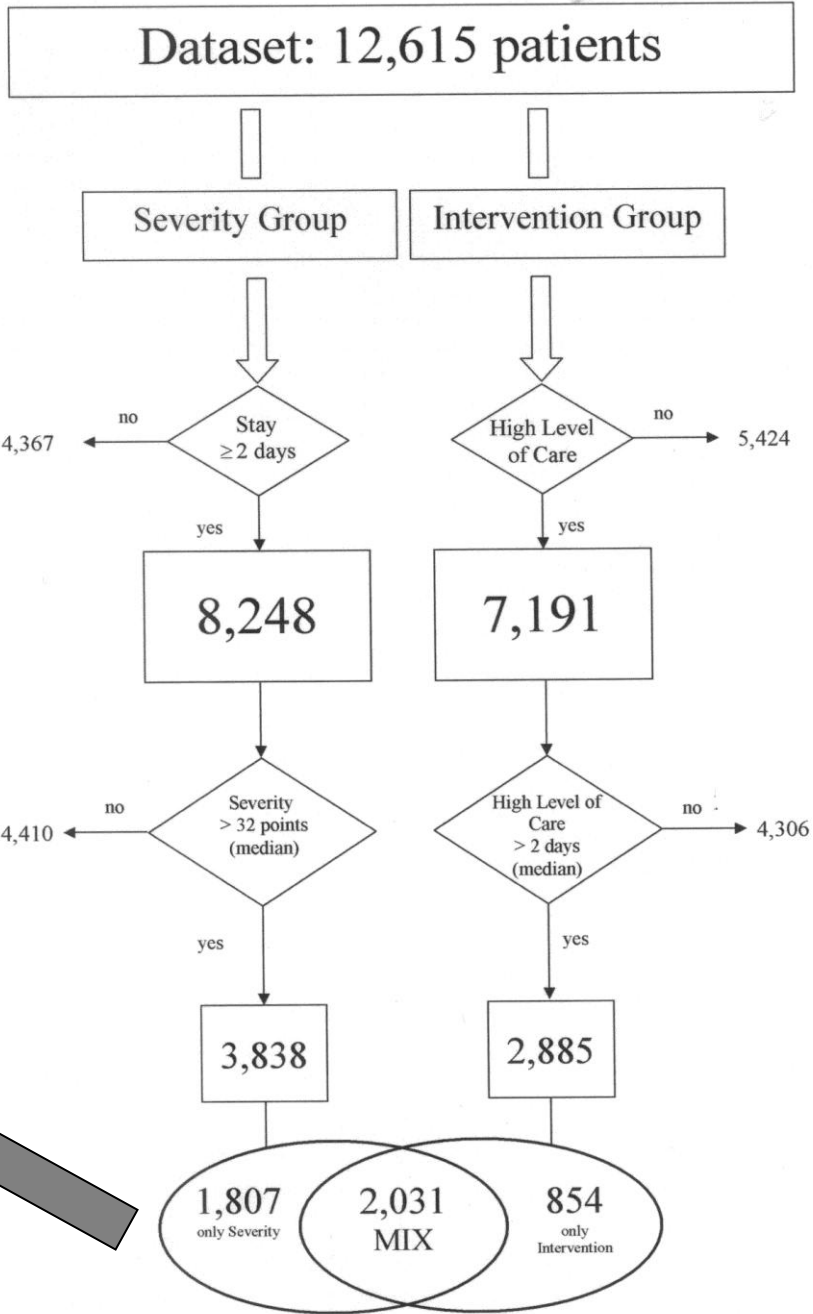
- 1. The number of FTE's (available/required) is related to**
  - Effective planning of staffing
  - Costing/Budgeting the ICU (cost nursing staff = 30% total ICU costs)

**2. It helps to stratify patient populations**

**3. It defines Levels of Care based on P/N ratios**

# THE USE OF NEMS

	<b>Mortality</b>	
<b>criteria</b>	<b>ICU</b>	<b>HOSP</b>
<b>Severity</b>	13.0	20.4
<b>High Care</b>	14.9	18.8
<b>Both</b>	34.6	44.2



**Because:**

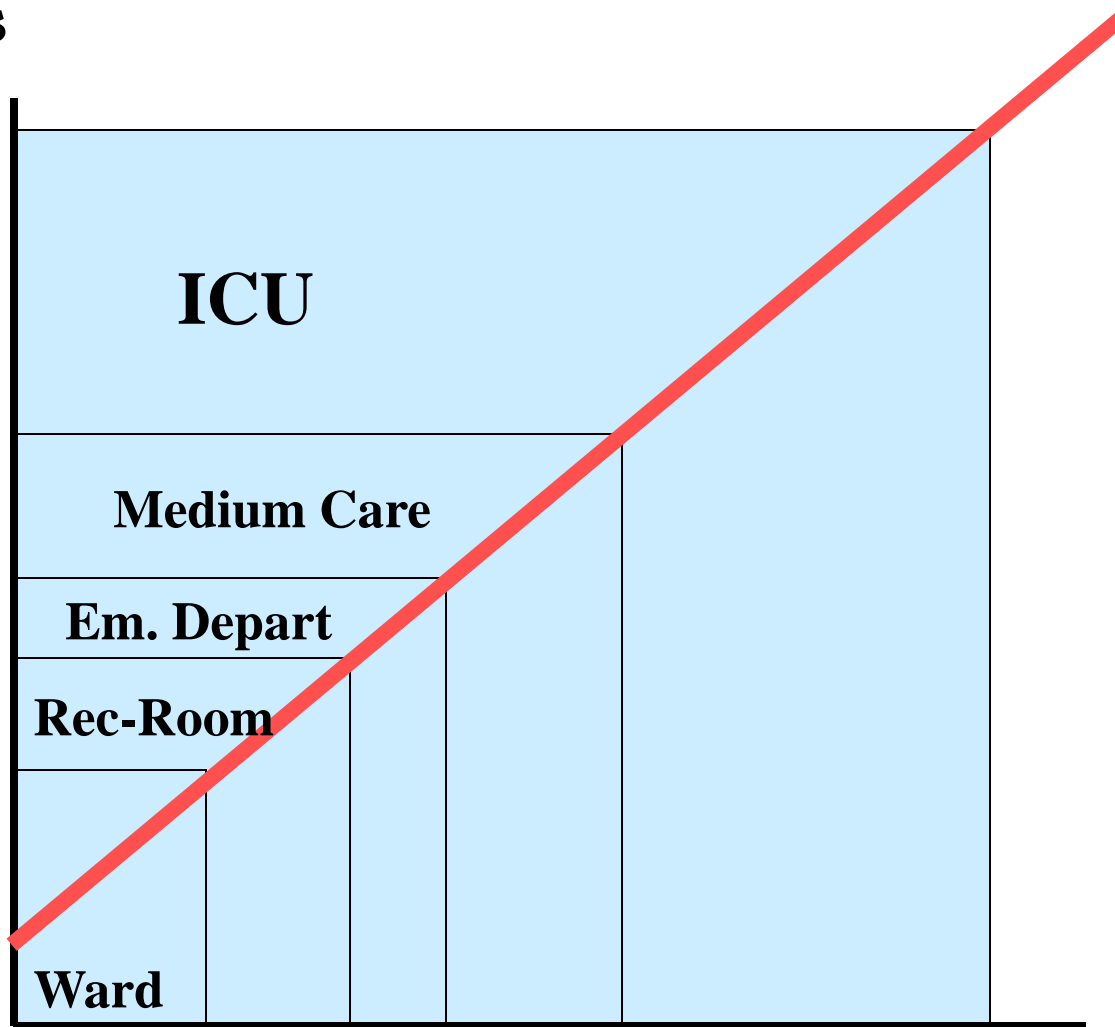
- 1. The number of FTE's (available/required) is related to**
  - Effective planning of staffing
  - Costing/Budgeting the ICU (cost nursing staff = 30% total ICU costs)
- 2. It helps to stratify patient populations**
- 3. It defines Levels of Care based on P/N ratios**

**Modern Nursing Care shall focus on**

**Capacity, not Competence**

# Matching Resources

**N/P ratios**  
required



0.1

0.5

1.0

**N/P ratios**  
available

# Understanding the use of **NAS**

- Concerns the activities of care performed
- Does not cover any Patient/Nurse interaction

Therefore...

**NAS is a tool for strictly planning/auditing nursing capacity in the ICU**



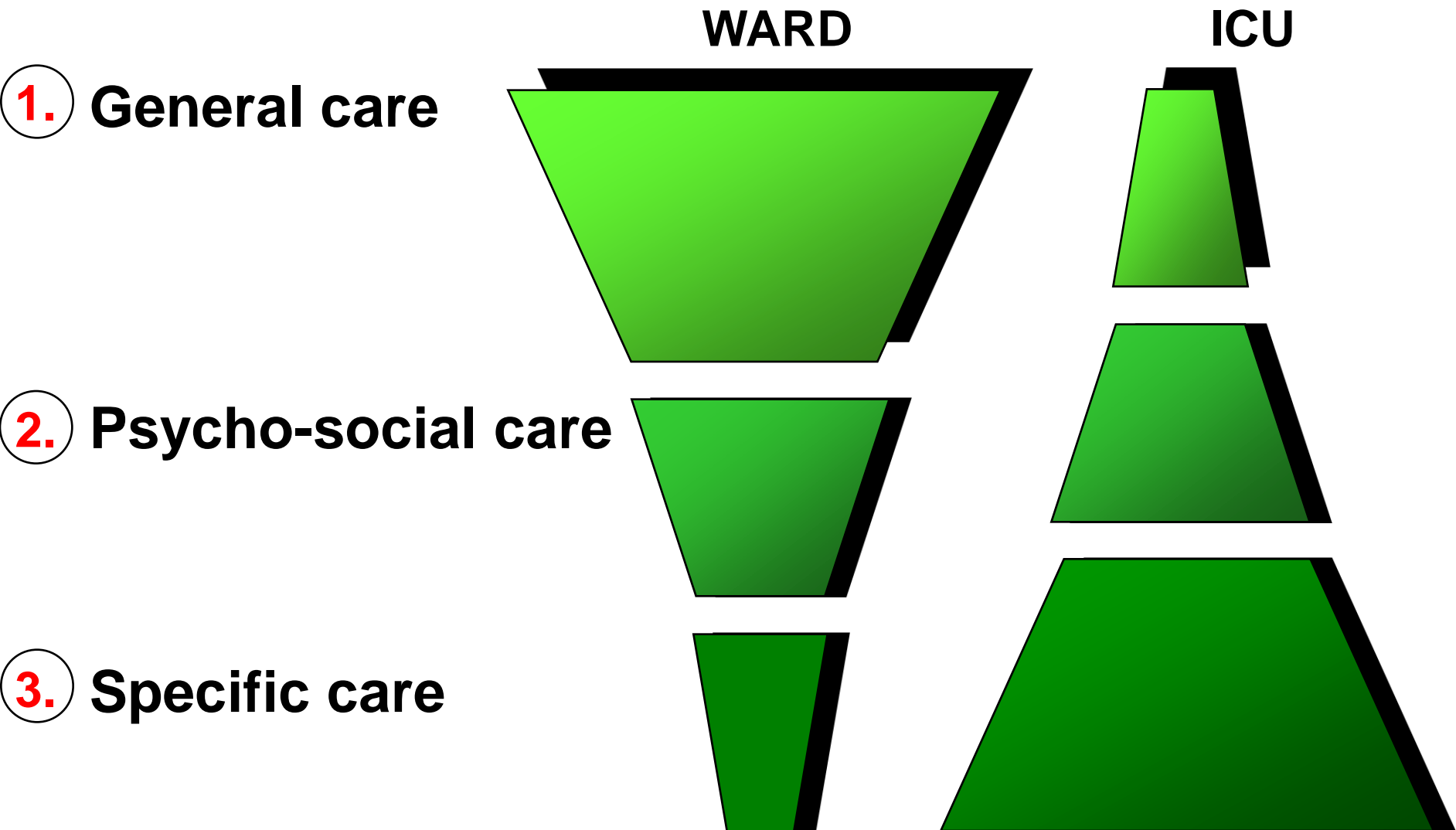
# Future studies

- “Precise” the Manual of Use
- The applicability across the Hospital





# Nursing use in the ward versus the ICU



**Only 30% of the nursing time  
is used in direct relation to the  
High Technology in the Unit**