Emergency Nurses Show Leadership in Sepsis Screening

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Background

A retrospective audit
350 samples of nursing records (ADULTS) in the November 2014

1. Comprehensive assessment
2. Clear articulation of ED nurse’s role
3. Integrated evidence base
How did nurses contribute to the emergency service?

What were ED nurses doing to help in detecting Sepsis?
Leadership in Nursing

ORGANISATIONAL NEED TO MEASURE OUTPUTS/PERFORMANCE

NURSING MANDATE TO PROVIDE EVIDENCE THAT WE ARE ASSESSING, EVALUATING CARE DELIVERY

BASIC CARE FAILURES

HIQA

NMBI

MEDIA
Leadership in Nursing

SAVITA HALAPPANAVAR (2012) – UNIVERSITY HOSPITAL GALWAY

TANIA AND ZACH MCCABE (2007) – OUR LADY OF LOURDES DROGHEDA

? - UNIVERSITY HOSPITAL LIMERICK
ED Nurse

Screening to identify patients who have Sepsis

Initiating the diagnostic workup

Reducing door to needle time for administration of intravenous antibiotics

(Bruce et al. 2015, Gatewood et al. 2015)
Objectives

1. Develop a Nursing Proforma
2. Comprehensive Assessment
3. Integration of best evidence
4. Articulate the ED nurse’s role
5. Capture detection rate /important data – time to blood cultures, time to first lactate and time to antimicrobials.
Methods

Pilot of Nursing Proforma (Adults) November 2015
Leadership in Nursing

- Learning/Sharing information
- Patient Experience/Involvement

- Clinical Effectiveness/Audit
- Managing risk/patient safety

- Proactive service improvement
- Consultation and communication
Methods

NewnursingdocAUG1.pdf
Results

Sample : 30

Inclusion Criteria : 10% of all Adult patients who presented with suspicion of or confirmed infection in a 2 week period to ED in UHL. The sample was randomly selected from this criteria.

Exclusion Criteria : Paediatric patients, Pregnant women, Post-partum women up to 42 days.
Results

22/30 patients were screened for and correctly identified as Sepsis

21/30 transferred to Resus on arrival
SEPSIS SIX

97% Fluids
100% Blood cultures
93% Lactate
100% Antimicrobials
53% Oxygen
50% Urine output
Conclusions

- Triage Trigger/Trolley Trigger Screening
- Comprehensive, standardised, evidence based assessment
- Template for new/inexperienced ED nurses
- Promotes seamless care transitions
Future Plan

- Falls Risk
- Sepsis
- Emergency Service
References


