The CRRN Role in Brain Injury Certification

Katricia Draeger, CRRN, and Linda Doerflein, CPHRM
HealthSouth Deaconess Rehabilitation Hospital

HEALTHSOUTH®

Statement

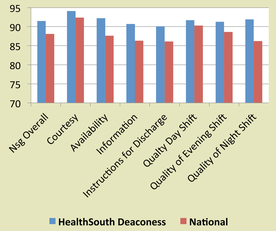
HealthSouth Deaconess Rehabilitation Hospital is the only hospital in Indiana with The Joint Commission Disease-Specific Care Certification in Brain Injury Rehabilitation. The hospital and Nursing Administration promotes and endorses the role of the CRRN in caring for patients with a diagnosis of brain injury. Evidence-based research shows that CRRN's play a vital role in improving patient outcomes through assessment, interventions and evaluation to assist patients and families with the transition to work and community.

Responsibilities of the CRRN include but are not limited to managing medical issues, medication management, nursing care, utilizing the nursing process, education of the patient and family, and crisis/behavioral management using crisis prevention intervention. The experience and additional training of the CRRN enhances the overall patient care experience.

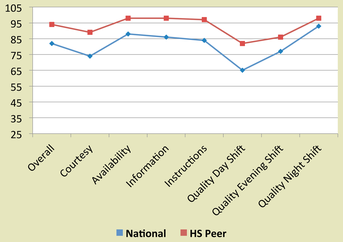
Supporting Data

- 20-bed brain injury specialty unit staffed with 12 registered nurses of whom 67% are CRRN's
- The nursing turnover rate for the brain injury unit for 2014 YTD is 0.0%.
- The overall nursing turnover rate for the hospital's 85 beds for 2014 YTD is 1.98%.
- The overall nursing Press Ganey Patient Satisfaction ranking for 2014 YTD is at 82nd percentile ranking.
- UDSMR® metrics show that our patients with brain injury have improved outcomes as compared to the national average.
- The overall fall rate is 8.3 falls/1,000 patient days January-June 2014

Press Ganey Nursing Patient Satisfaction Mean Scores Jan-July, 2014 for the Brain Injury Unit



Press Ganey Percentile Ranking compared to National and HealthSouth Hospitals for the Brain Injury Unit



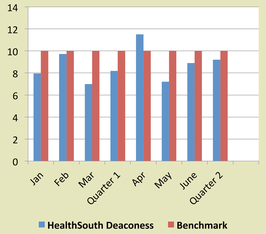
UDS-PRO Rehab Metrics Outcomes for Patients with Brain Injury

	HealthSouth Deaconess	National
LOS	14.2	14.7
LOS efficiency	3.55	2.50
Discharge to Community	65.9%	71.4%
Discharge to Acute	12.4%	13.6%
CMI	1.42	1.33
Onset Days	8.8	14.5

UDS-PRO Rehab FIM® Outcomes for Patients with Brain Injury

	HealthSouth Deaconess	National
Admit FIM	44.9	50.3
Discharge FIM	86.5	81.2
FIM Change	41.6	31.0
Motor FIM Change	27.9	24.7
Cognitive FIM Change	13.7	6.3

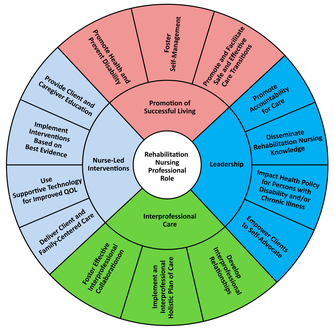
Falls Per 1000 Patient Days 2014



The Role of the CRRN in Rehabilitation

- Acts as a preceptor to other nurses and staff
- Leads disease-specific care programs
- Acts as FIM® score champions
- Educates staff, patients and caregivers
- Coordinates care with other disciplines
- Serves as community educator
- Is a role model for new staff
- Plays an essential role in the interdisciplinary team
- Provides leadership in managing crisis intervention
- Serves as "eyes and ears" of the physician in his/her absence

ARN Competency Model for Professional Rehabilitation Nursing



Conclusion

HealthSouth Deaconess Rehabilitation Hospital recognizes and endorses the continuing education and training of registered nurses in the CRRN role.

The data supports the correlation between patient satisfaction, patient/family-centered care, patient outcome measures and the presence of a professional nursing staff with CRRN certification.

Currently there are 30 CRRN's working in a variety of nursing roles at HealthSouth Deaconess Rehabilitation Hospital with the goal to increase the number to 33 by the end of 2014.

References

- Jacelon, Cynthia S. (2011). The Specialty Practice of Rehabilitation Nursing (6th ed.)
- 2014 Uniform Data System for Medical Rehabilitation
- 2014 Press Ganey Inpatient Rehabilitation Report
- 2014 Quality Metrics Report HealthSouth Deaconess Rehabilitation Hospital
- ARN Competency Model for Professional Rehabilitation Nursing–2014