



BRAIN INJURY INPATIENT OUTCOMES AT SHEPHERD CENTER

In the treatment of catastrophic injury and disease, quality and cost go hand-in-hand. Since brain injuries are generally lifetime conditions, high-quality treatment at the beginning can result in fewer complications and lower healthcare costs over a lifetime. Shepherd Center is unsurpassed in the quality of services it provides and the clinical outcomes that result from these services.

Shepherd Center consistently outperforms other rehabilitation providers nationwide, according to statistics compiled by the Uniform Data System for Medical Rehabilitation from 892 rehabilitation centers in the United States.

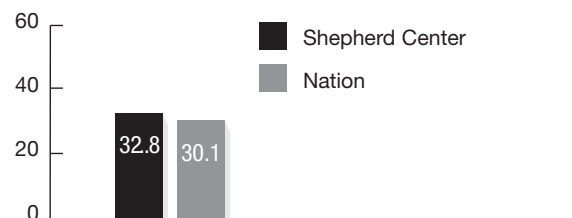
Populations Served / Brain Injury Rehabilitation (4/1/2008 – 3/31/2009)	
Adolescents with Traumatic Brain Injury (Age 15-21)	53
Individuals with Traumatic Brain Injury (Age 22-65)	91
Individuals with Non Traumatic Brain Injury (Age 19-65)	33
Individuals who have experienced a Stroke (Age 15-67)	43
Total number of Brain Injury patients	220
Acute Medica / Specialized Populations	
Patients who are Semi- Comatose or Minimally Conscious*	47
<small>*52 percent emerge within 3-5 weeks</small>	

FUNCTIONAL IMPROVEMENT

This graph compares functional improvement achieved by Shepherd Center patients versus the national average. Improvement in function is measured with the Functional Independence Measure (FIM).

FIM change reflects the degree of improvement observed from rehab admission to discharge.

FIM Change (in Points)
From Rehab Admission to Discharge



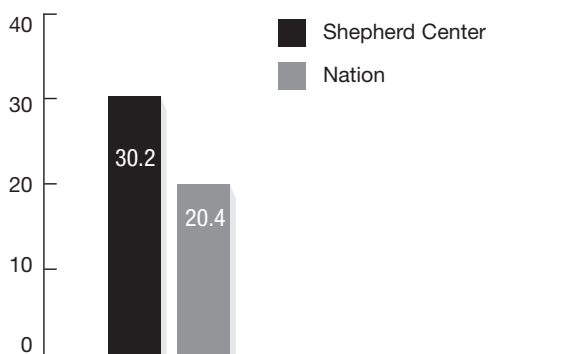
Source: UDMSMR. Internal Program Report (1003). UDS-PRO® System Edition. 7/1/2008 - 6/30/2009.

Shepherd Center's patient outcomes, such as return to home rates, are among the best in the United States.

LENGTH OF STAY

The average length of stay at Shepherd Center is slightly higher than national average. Patients at Shepherd Center typically stay longer in rehabilitation than patients at other facilities because of Shepherd's attention to detail and ability to treat patients with more medically-complex conditions. For patients with traumatic brain injury at Shepherd Center, the average length of stay is 30.2 days, while the national average is 20.4.

Length of Stay from Rehab Admission to Discharge (in days)
Traumatic Brain Injury



Source: UDSMR. Internal Program Report (1003). UDS-PRO® System Edition. 7/1/2008 - 6/30/2009.

PATIENT SATISFACTION

Patient-focused research is our best indicator of the human experience; the sum total of a patient's experience at Shepherd Center given the inevitable highs and lows of rehabilitation from catastrophic injury or life-changing disease. Assessing and refining our services is the goal of the patient satisfaction survey.

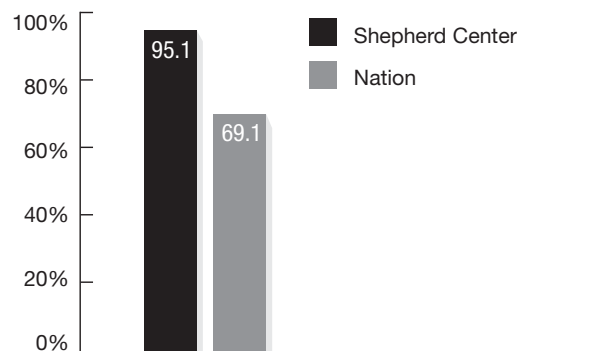
Patient Satisfaction Percent Positive Response	
	Shepherd Center Brain Injury
Satisfactions with Overall Program	93.5%
Courtesy and Respect	95.1%
Participation in Care	98.3%
Would Recommend Shepherd Center	93.5%

Source: Press Ganey infoEDGE (7/1/2008 - 6/30/2009)

RETURN HOME RATE

Another measure of quality is the percentage of patients who are discharged home or to other community settings versus a skilled nursing or hospital setting. Patients who undergo rehabilitation for brain injuries at Shepherd Center are more likely to return to their homes following discharge – a key goal in rehabilitation – than patients who are discharged from other facilities. On average, 95.1 percent of patients seen at Shepherd Center for rehabilitation following injury return home following discharge, compared to about 69.1 percent nationally.

Return Home Rate
Discharge to Home/Community (percent of patients)
Traumatic Brain Injury



Source: UDSMR. Internal Program Report (1003). UDS-PRO® System Edition. 7/1/2008 - 6/30/2009.

IMPORTANT PHONE NUMBERS

Main switchboard: 404-352-2020

Admissions: 1-800-SHEPHERD or 404-350-7345

Visit Shepherd Center online at www.shepherd.org

To review a complete UDSMR report, please contact Susan Bowen, Director of Quality Resources and Outcomes at 404-352-2020.