**PATIENTS SERVED 2017**

**INPATIENT DISCHARGES 862**

- 303 SPINAL CORD INJURY
- 235 BRAIN INJURY
- 105 ABI/SCI SKIN WOUND SURGICAL
- 91 STROKE
- 45 DISORDERS OF CONSCIOUSNESS
- 43 DUAL DIAGNOSIS
- 29 NEUROLOGICAL DISORDERS (GB, MS, TM)
- 9 OTHER TRAUMA (Multiple Trauma and Orthopedic)
- 2 AMPUTATION

Patient Days: 46,674

**SERVING A YOUNGER POPULATION**

- SCI: 40.3 vs. 51.5, Shep: 11 Years Younger, Nation: 21 Years Younger
- ABI: 35.2 vs. 65.5, Shep: 30 Years Younger, Nation: 40 Years Younger
- STROKE: 48.0 vs. 69.2, Shep: 21 Years Younger, Nation: 40 Years Younger

**Average Patient Age**

- SCI: Shep 40.3 vs. Nation 51.5
- ABI: Shep 35.2 vs. Nation 65.5
- STROKE: Shep 48.0 vs. Nation 69.2

**PATIENT EXPERIENCE**

Our mission is to help people who have experienced a catastrophic injury or disease, which has resulted in a temporary or permanent disability, rebuild their lives with hope, dignity, and independence, advocating for their full inclusion in all aspects of community life. Patient satisfaction surveys are one means for measuring how effective we are at achieving that mission.

**Overall Rating of Care**

- Shep: 92.0
- Nation: 93.9

**Likelihood of Recommending Facility**

- Shep: 91.9
- Nation: 94.8

*Shepherd Center vs. Nation*

**SERVING PATIENTS ACROSS THE NATION**

Shepherd Center has treated more than 15,000 inpatients from all 50 U.S. states and more than 50 foreign countries and territories (1996 – 2017).
Shepherd Center Strives to be a Provider of Choice
Shepherd Center has proven results in helping patients achieve more functional independence and return to their communities.

### Rehabilitation Outcomes
Total FIM Change is a measure of how much functional gain the patient received during rehabilitation. It is measured just after admission and again at discharge.

<table>
<thead>
<tr>
<th>Category</th>
<th>Shepherd Center</th>
<th>Nation</th>
</tr>
</thead>
<tbody>
<tr>
<td>All Spinal Cord Injury</td>
<td>28.9</td>
<td>31.9</td>
</tr>
<tr>
<td>All Brain Injury</td>
<td>32.7</td>
<td>38.2</td>
</tr>
<tr>
<td>All Stroke</td>
<td>30.4</td>
<td>31.3</td>
</tr>
</tbody>
</table>

**Discharge to Home**

<table>
<thead>
<tr>
<th>Category</th>
<th>Shepherd Center</th>
<th>Nation</th>
</tr>
</thead>
<tbody>
<tr>
<td>All Spinal Cord Injury</td>
<td>18.5% Points Higher</td>
<td>87.8%</td>
</tr>
<tr>
<td>All Brain Injury</td>
<td>14% Points Higher</td>
<td>90.2%</td>
</tr>
<tr>
<td>All Stroke</td>
<td>25.8% Points Higher</td>
<td>88.4%</td>
</tr>
</tbody>
</table>


### Ventilator Management
Percent of Successful Ventilator Weaning
The pictures below demonstrates the percent of ventilator weaning according to the level of injury.

- **Spinal Cord Injuries**
  - C1-C2: 75.0%
  - C3: 85.7%
  - C4: 100%
  - C5-7: 90.0%
  - T1-T12: 100%

- **Brain Injury**
  - Stroke: 57.1%
  - Other Neuro: 100%

Ventilator data is validated annually by David DeRuyter, MD, Medical Director, ICU and Pulmonary Services.

Shepherd Center played an integral role in the implementation of the Diaphragmatic Pacing System (DPS). The first Shepherd patient was implanted in 2006. Since then, our well respected program has been a model and support for other hospitals that are implementing DPS or in need of education on the system. Patients on DPS are considered not fully weaned although they are provided this alternative device.