### Inpatient Traumatic & Non-Traumatic Spinal Cord Injury Patient Outcomes 2017

In 2017, the hospital treated 1279 inpatients, who ranged in age from 14 - 98, with 651 male and 628 female.

Located in New York’s Hudson River Valley, Helen Hayes Hospital primarily serves patients from throughout the New York Metropolitan region and also attracts patients from across the country.

The strength of the SCI Program is its capacity to address all of the complex effects of spinal cord injury, including paraplegia & quadriplegia, respiratory disorders, bowel & bladder dysfunction, spasticity, psychological issues & more. At HHH, patients with SCI benefit from access to the latest technology and equipment, advanced therapies, a highly skilled & specialized team and intensive & comprehensive treatment plans, which include:

- Vibration Therapy
- Body weight Supported Gait Training
- Aquatic Therapy
- Functional Electrical Stimulation
- Assistive Technology/Seating & Mobility Center
- Ventilator Weaning & Management
- Adapted Driving
- Adapted Sports & Recreation
- SCI Support Group/Peer Mentoring
- Smart Apartment/Home & Food Mgmt

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| Average Length of Stay (Days)
  Traumatic SCI        | 37    | 37     | 33     |
  Non-Traumatic SCI    | 21    | 17     | 17     |
| FIM² Gain (Points)
  Traumatic SCI        | 29    | 21     | 21     |
  Non-Traumatic SCI    | 28    | 27     | 26     |
| Discharge to Community³ (%)
  Traumatic SCI        | 61    | 55     | 58     |
  Non-Traumatic SCI    | 50    | 68     | 72     |
| Living at Home 3 Months Post Discharge⁴ (%)
  Traumatic SCI        | 77    | 80     | 81     |
  Non-Traumatic SCI    | 95    | 81     | 83     |
| Case Mix Index⁵
  Traumatic SCI        | 2.63  | 2.27   | 2.04   |
  Non-Traumatic SCI    | 1.59  | 1.52   | 1.47   |

*Traumatic SCI: includes motor vehicle and diving accidents, acts of violence, etc. Non-Traumatic SCI: includes tumors, spinal stenosis, transverse myelitis, etc.

¹ The severity of Traumatic SCI cases treated at HHH are higher than the nation and region. Many of the patients that use ventilators or have tracheostomies may need further rehab at a skilled nursing facility before returning home. ² A large percentage of both Traumatic and Non-Traumatic SCI patients continue to be able to live at home 3 months post discharge reflecting the functional gains they have made. ³ The higher the value, the more severe the case.

Measuring Up: Helen Hayes Hospital participates in the following nationally recognized databases that allow us to compare our patient outcomes against other facilities, both regionally and nationally:
- eRehabData – measures the patient’s functional gains during their acute rehabilitation hospitalization
- IT HealthTrack – assesses the patient’s status three months after discharge
- Press Ganey – measures and tracks patient satisfaction with hospital facilities, programs, services and staff