ProMedica is dedicated to providing cutting edge, convenient neurological care. Our neurosciences service line experienced a monumental year of growth and transformation in 2018. This is largely due to the opening of a new, state-of-the-art Neurosciences Center, as part of an expanded partnership with the University of Toledo College of Medicine and Life Sciences. We continue to expand care across our service regions. Our large health care system provides patients with access to a wide array of neuro resources, experts and treatments. Below is a snapshot of our service line by the numbers.

**Patient Data**

<table>
<thead>
<tr>
<th>INPATIENT</th>
<th>4,630 total neuro discharges</th>
</tr>
</thead>
<tbody>
<tr>
<td>SURGERIES</td>
<td>1,851 spine surgeries</td>
</tr>
<tr>
<td></td>
<td>344 brain surgeries</td>
</tr>
<tr>
<td></td>
<td>114 BrightMatter surgeries</td>
</tr>
</tbody>
</table>

**Telemedicine**

- 152 tele-neurology consults
- 1,982 tele-stroke consults
- 711 regional stroke patients transferred to the Comprehensive Stroke Center ProMedica Toledo Hospital

**Neurologists**

- 21 total neurologists
- 6 new neurosurgeons
- 8 advanced practice providers

**Neurology Residents**

- 16 total residents
- 8 new neurologists

**Neurology Residency Program**

- 14 posters accepted at the following national meetings: American Academy of Neurology, International Stroke Conference, American Society of Neuroradiology
- 4 graduating residents (100%) passed boards on first attempt

**Improved Access**

**Opened New Neurosciences Center**

In April 2018, ProMedica and the University of Toledo College of Medicine and Life Sciences teamed up to bring world-class neurosciences care to our communities.

- Three-story, 122,000 square foot building
- 30+ specialists, including general and subspecialty trained neurologists and neurosurgeons, neuro-physiology technicians, physical therapists, audiologists and specially-trained nurses

**Community Awareness**

- Stroke Awareness month, May: 156,065 targeted emails sent to people at risk
- BE FAST 5K walk/run, May 6: 90 participants, over $2,000 raised for ProMedica’s stroke program
- Strike Out Stroke, May 18: 200 stroke survivors attended Toledo Mud Hens baseball game, stroke education provided to the community

**Technology**

**BrightMatter™**

- First in Ohio
- Advanced imaging, planning, navigation, and robotics for complex brain and spine surgeries
- Leads to less surgical time and improved patient outcomes

**Highlighted Events and Initiatives**

- Facebook LIVE Neurosurgery Chat
  - September 13
  - Kevin Reinard, MD, ProMedica Physicians Neurosurgery
  - 5,000 Facebook users reached
  - 2,225 unique viewers
  - 158 engagements (like, comment, or share)

- 156,065 targeted emails sent to people at risk

**Important Accreditations and Awards**

- Becker’s Hospital Review 100 Hospitals and Health Systems with Great Neurosurgery and Spine Programs: Elected in 2018 for providing patients with access to the latest neurosurgery services in areas such as complex spine, brain tumors, cerebrovascular, skull base, trauma and pediatric

- Comprehensive Stroke Center certified by The Joint Commission and American Heart Association/American Stroke Association: ProMedica Toledo Hospital is the first hospital in Toledo – and one of the first in the country – to achieve this highest level of stroke certification available. To qualify, our hospital and medical team have met high standards for treating the most serious and complex stroke cases – including having neurosurgery, neuroendovascular and full-spectrum hemorrhagic stroke care available 24/7.

- Healthgrades® has awarded ProMedica Stroke Network with the following distinctions:
  - Five-Star Recipient for Treatment of Stroke for 13 Years in a Row (2006 – 2018)
  - Recipient of the Healthgrades Stroke Care Excellence Award™ for 6 Years in a Row (2013 – 2018)
  - Named Among the Top 5% in the Nation for Treatment of Stroke for 6 Years in a Row (2013 – 2018)

- Named Among the Top 10% in the Nation for Treatment of Stroke for 6 Years in a Row (2013 – 2018)
- Named Among the Top 10% in the Nation for Neurosciences for 5 Years in a Row (2014 – 2018)
- Named Among the Top 10% in the Nation for Neurosciences for 5 Years in a Row (2014 – 2018)