TIRR Memorial Hermann is a nationally recognized rehabilitation hospital that returns lives interrupted by neurological illness, trauma or other debilitating conditions back to independence.

Some of the world’s leading physicians in rehabilitation medicine provide care at TIRR Memorial Hermann. The patient care environment blends passionate people, exemplary care and a commitment to each patient’s overall quality of life.

TIRR Memorial Hermann offers comprehensive rehabilitation programs and services that address the individual needs of each patient. Core rehab programs include:

- Stroke
- Brain Injury
- Spinal Cord Injury
- Amputation
- Specialty Rehabilitation
  - Neurodegenerative diseases
    - Includes multiple sclerosis, Parkinson’s disease, post-polio syndrome, rheumatoid arthritis, lupus
  - Multiple trauma
  - Any debilitating conditions

TIRR Memorial Hermann’s comprehensive inpatient, outpatient and vocational services are accredited by CARF, the Commission on Accreditation of Rehabilitation Facilities.

Our programs focus on maximizing the patient’s functional abilities by providing specialized medical management, nursing and therapy services in individual, group and community settings.

With our interdisciplinary team approach, support groups, counseling and individualized training are provided to prepare patients, their families and caregivers for additional responsibilities upon discharge.
Stroke Program Fact Sheet

The Stroke Rehabilitation Center at TIRR Memorial Hermann is specially designed to optimize the outcome for patients who have suffered a stroke.

Barry Oakes, Stroke

Barry remembers his first day at TIRR Memorial Hermann. “They start by asking you what your goals are. I’m a very goal-oriented person, so this approach worked well for me. We had moved into a new home just two weeks before my stroke. One of my goals was to be able to walk upstairs to the media room. So on my first day of physical therapy, my therapist said, ‘Okay, let’s go climb some stairs.’” With assistance, he climbed 10 steps, and never looked back.

Oakes left the hospital with a wheelchair and a walker, but he never again used the wheelchair. “It’s amazing how positive and intense the staff was about helping him improve,” Barry’s wife, Nicole says. “We’re forever indebted to the dedication of the staff at TIRR Memorial Hermann. You very quickly get the feeling that you’re part of a big family.”
Stroke Fact Sheet

Stroke Program Information

The Stroke Program at TIRR Memorial Hermann has a team of physicians, therapists, nurses, case managers and social workers dedicated to expert care of persons with stroke.

➢ There are designated education classes dedicated to teaching you or your family about stroke.
➢ The Stroke Program provides patient rooms, nursing care units and gym space specifically designed and equipped to meet the unique needs of a person with stroke.

In 2016, 370 patients were discharged from the Stroke Program.

<table>
<thead>
<tr>
<th>Type of stroke</th>
<th>Number of patients</th>
<th>Percentage of patients</th>
<th>Side of brain affected</th>
</tr>
</thead>
<tbody>
<tr>
<td>Left body involved</td>
<td>146</td>
<td>39%</td>
<td>Right</td>
</tr>
<tr>
<td>Right body involved</td>
<td>132</td>
<td>36%</td>
<td>Left</td>
</tr>
<tr>
<td>Both sides involved</td>
<td>34</td>
<td>11%</td>
<td>Both</td>
</tr>
<tr>
<td>Other forms</td>
<td>44</td>
<td>17%</td>
<td></td>
</tr>
</tbody>
</table>

![Type of Stroke Pie Chart]

![Human Figures]

![Signs of Stroke]

![Stroke Education Classes]

![Patient Rooms, Nursing Care Units, Gym Space]
Adult Patient Statistics by Age and Gender

In 2016, 369 adult patients were discharged from the Stroke Program.

<table>
<thead>
<tr>
<th>Average age</th>
<th>Percent of males</th>
<th>Percent of females</th>
</tr>
</thead>
<tbody>
<tr>
<td>60</td>
<td>60%</td>
<td>40%</td>
</tr>
</tbody>
</table>

Stroke Program: Adults and Adolescents

Adolescent 0.3%

Adult 98%

Adolescent Patient Statistics by Age and Gender

(For our purposes, we define adolescent patients as ages 13 to 17.)

In 2016, one (1) female adolescent patient was discharged from the Stroke Program.
Length of Stay

*How many days are stroke patients at TIRR Memorial Hermann?*

Your patient care team contributes to the decision about how long you will be at TIRR Memorial Hermann based on your individual rehabilitation needs.

The average length of time patients with stroke were at TIRR Memorial Hermann was **28 days**.

The National average length of time for similar patients with a stroke at other rehabilitation facilities was **19 days**.
Meeting Goals

*Assistance in Setting Patient Goals and Meeting Patient Goals*

The rehabilitation process begins by setting patient goals. The care team, working with you, or your family member, helps to establish goals that you will be working towards achieving by discharge. These goals assist the team in development of a treatment plan, which is designed to help patients meet their discharge goals.

In 2016, the mean score for staff assisting the patient, or family members, with meeting their discharge goals was at 92 for those patients in the Stroke Program.

Upon discharge, patients often continue working towards their goals through Outpatient therapy programs such as those offered at TIRR Memorial Hermann Adult and Pediatric Outpatient Rehabilitation or other outpatient therapy campuses within the Memorial Hermann Rehabilitation Network.
Average Number of Treatment Hours
How Much Therapy Do Patients Receive?

Therapy services include physical, occupational, speech, neuropsychologists/psychologists, music and recreational therapies. Each member of your care team will evaluate you. This team will help develop and coordinate your treatment plan. Based on this treatment plan, you will receive combined therapy equaling three or more hours per day, for five out of seven days a week.

- On the average patients received three to four hours of therapy per day among all disciplines, including group therapy sessions.
- The maximum number of hours of therapy that can be provided is between five and six hours per day.
- Rehabilitation nursing services, along with addressing medical care needs, are key parts of the therapeutic process which assist in carryover of therapy skills outside of therapy sessions. These needs may be scheduled or unscheduled and require attendance or participation to maximize independence, training, and/or recovery.
- While therapy is maximized during the week, weekend therapies are considered an integral part of the treatment schedule as well.
- Weekend Program includes (as designed by your team)
  - Education classes for families and patients
  - Therapeutic activities
  - Community re-entry activities
  - Medical management
  - Individual therapy sessions
  - Group sessions
- Scheduled therapy sessions may begin as early as 7am and can occur in the evenings as well, as late as 8pm, depending on patient goals that your team identifies. Therapeutic activities at TIRR occur every day of the year.
The Results of Rehab

How Many Stroke Patients Go Home to the Community?

You and your care team will work together to decide the safest and most appropriate place to discharge.

TIRR Memorial Hermann patients are most often discharged home; however, some go to acute-care hospitals for additional treatment or surgery and some go to a transitional setting such as a skilled nursing facility or long-term care.

Discharge Location Percentages in 2016

<table>
<thead>
<tr>
<th>Discharge Location</th>
<th>Percent Discharged</th>
</tr>
</thead>
<tbody>
<tr>
<td>Home or place in the community</td>
<td>68%</td>
</tr>
<tr>
<td>Planned Acute-care facility</td>
<td>5%</td>
</tr>
<tr>
<td>Unplanned Acute-care facility</td>
<td>10%</td>
</tr>
<tr>
<td>Skilled nursing facility (SNF)</td>
<td>14%</td>
</tr>
<tr>
<td>Other care facilities</td>
<td>3%</td>
</tr>
</tbody>
</table>

Unplanned Acute Transfers

Sometimes patients with medical complications have to return to an acute-care hospital for further medical care. At times these transfers are unplanned and are called “unplanned acute-care transfers.” In 2016, 36 or 10% percent had an unpreventable unplanned acute-care transfer during their stay.

Patient Satisfaction
You will be asked to complete a satisfaction survey after your stay at TIRR Memorial Hermann. You will be asked to rate the overall care at the hospital on a scale of 1 to 5 and the scores are converted to a scale of 0 to 100.

In 2016:
- Patients with brain injury and their families rated their care 90.4 points out of 100.
- When patients and family members were asked if they would recommend TIRR Memorial Hermann to others, 91 percent responded that they would.

*Thank you for choosing TIRR Memorial Hermann for your rehabilitation care.*