

Stroke Program

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 rehabilitation programs include:

- Stroke
- Brain Injury
- Spinal Cord Injury
- Amputation
- Neuromuscular 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 the Commission on Accreditation of Rehabilitation Facilities (CARF).

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.

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Stroke Program



Barry Oakes, Stroke

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

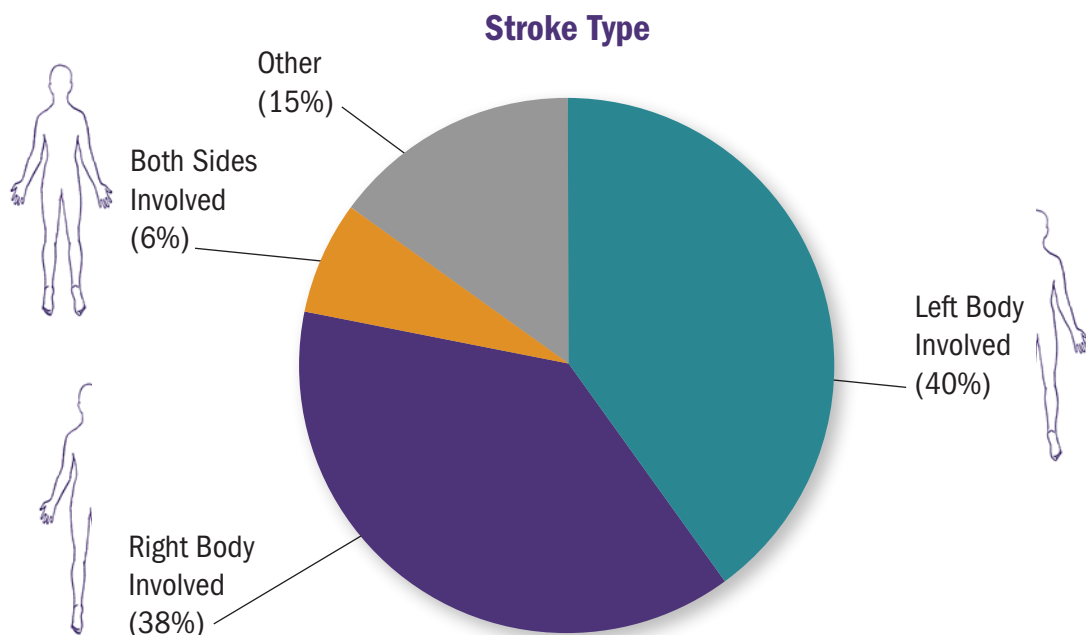
Barry remembers his first day at TIRR Memorial Hermann. “They start by asking you what your goals are. I’m a very goal-oriented person, so this approach worked well for me. We had moved into a new home just two weeks before my stroke. One of my goals was to be able to walk upstairs to the media room. 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 Program Information

The Stroke Program at TIRR Memorial Hermann team is composed of affiliated physicians, therapists, nurses, case managers and social workers dedicated to specialized care of persons with brain injury.

- Designated education classes to teaching you or your family about brain injury
- Provides patient rooms, nursing care units and gym space specifically designed to meet the unique needs of a person with brain injury



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Stroke Program

In 2017, a total of 418 patients were discharged from the Stroke Program.

Type of stroke	Number of patients	Percentage of patients	Side of brain affected
Left body involved	168	40%	Right
Right body involved	159	38%	Left
Both sides involved	27	6%	Both
Other forms	64	15%	

Age and Gender

Adults

- In 2017, a total of 415 adult patients were discharged from the Stroke Program.

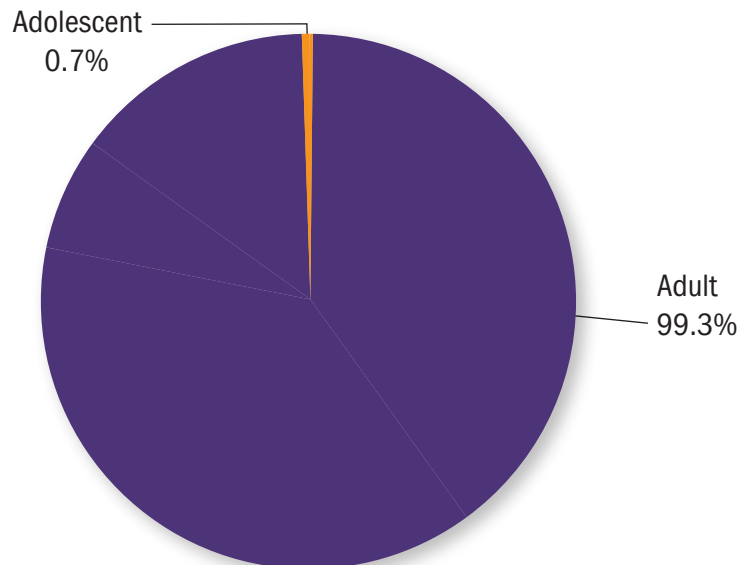
Adult Stroke Demographics	
Age (average years)	61
Male	217 (52%)
Female	198 (48%)

Adolescents (age 13-17 years old)

- In 2017, a total of 3 adolescent patients were discharged from the Stroke Program.

Adult Stroke Demographics	
Age (average years)	16
Male	2 (67%)
Female	1 (33%)

Stroke Program: Adults and Adolescents



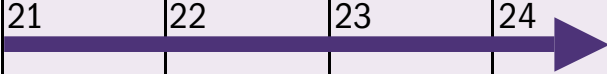
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Stroke Program

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.

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
			 <p>TIRR 24 days</p>			
28	29	30	31	1		

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

Average length of stay (LOS)

- TIRR Memorial Herman: 28 days

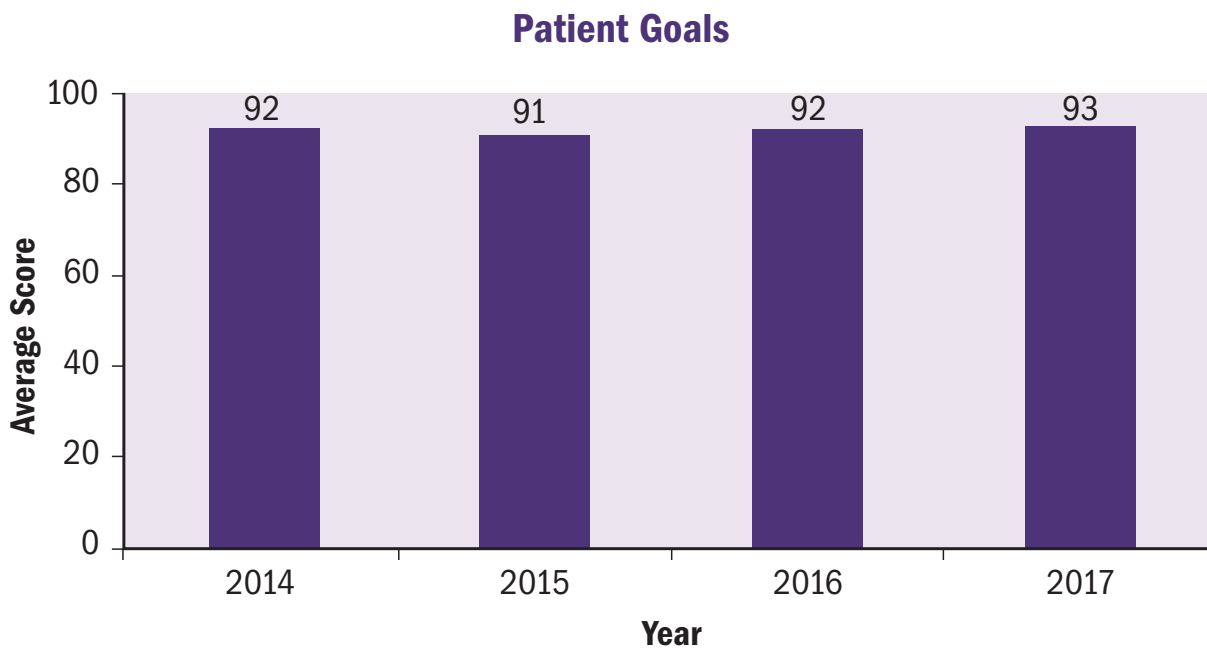
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Stroke Program

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 prior to discharge. These goals assist the team to development a patient specific treatment plan.



- In 2017, the mean score for staff assisting the patient, or family members, with meeting their discharge goals was at 93 for 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. (continued)

Stroke Program

Average Number of Treatment Hours

How Much Therapy Do Patients Receive?

Therapy services include physical, occupational, speech, neuropsychologists/psychologists as well as 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 average, patients receive three to four hours of therapy per day among all disciplines, which may include 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 other medical care needs, are key components of the therapeutic process which assist in transitioning the skills learned in therapy to 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 7 am and can occur as late as 8pm, depending on patient goals that your team identifies. Therapeutic activities at TIRR occur every day of the year.

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Stroke Program

The Results of Rehab

How Many Stroke Patients Go Home to the Community?

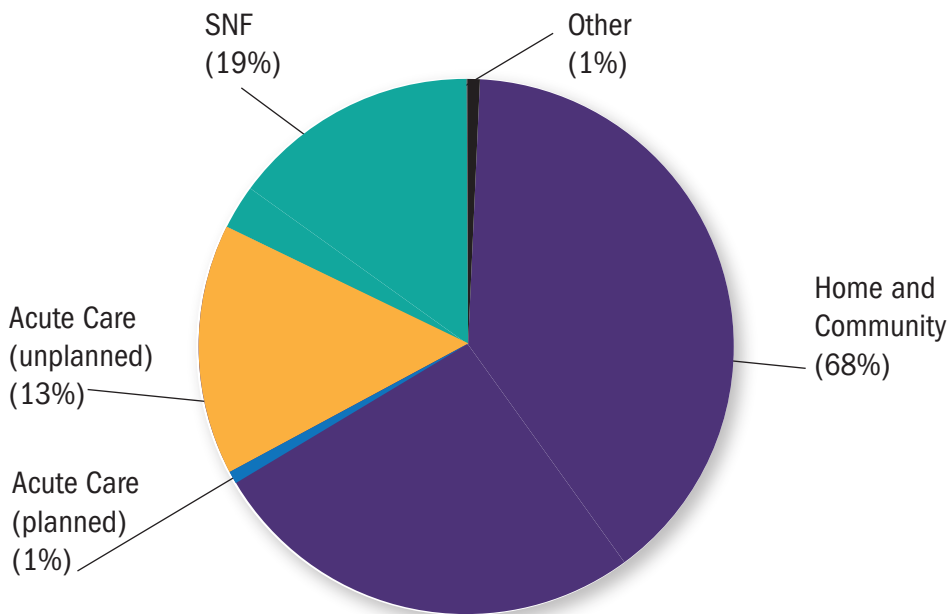
You and your care team will work together to decide the safest and most appropriate place to discharge.

- In 2017, 68 percent of stroke patients were discharged home or a place in the community from TIRR Memorial Hermann.

TIRR Memorial Hermann patients are most often discharged home; however, some patients go to acute-care hospitals for additional treatment or surgery. Some patients may go to a transitional setting such as a skilled nursing facility, long-term care or transition to other post acute care services within the Memorial Hermann Post-Acute Network.

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.”

Discharge Location in 2017



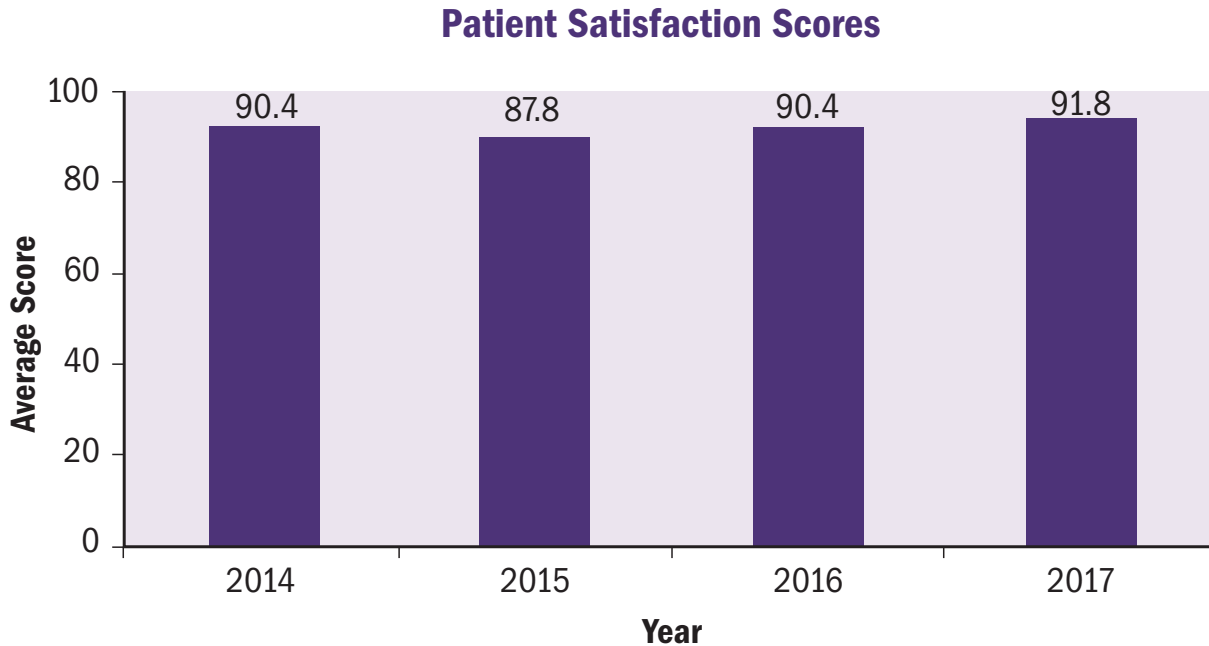
Patient Discharge Location	
Home/Community	68%
Skilled Nursing Facility (SNF)	14%
Acute Care (planned)	5%
Acute Care (unplanned)	10%
Other	3%

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Stroke Program

Patient Satisfaction

How TIRR Memorial Hermann Stroke Patients Feel About Their Care



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.

2017:

- Patients with brain injury and their families rated their care 91.8 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.

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THANK YOU

for choosing TIRR Memorial Hermann
for your rehabilitation care.

