

Stroke Fact Sheet



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

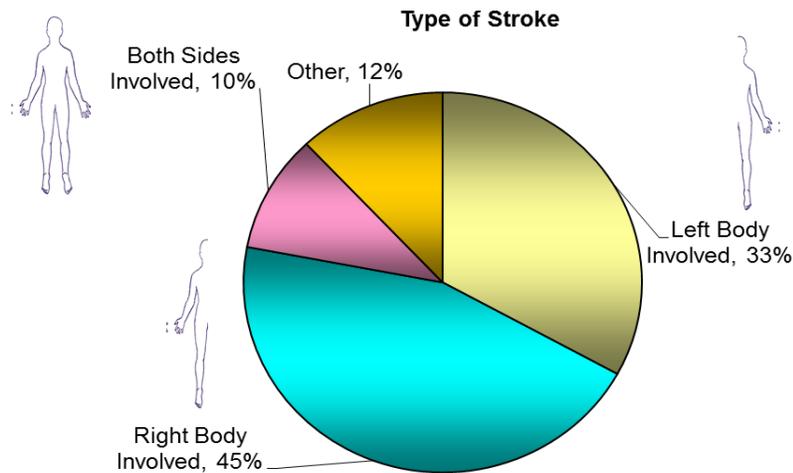
Barry remembers his first day at TIRR Memorial Hermann. “They start by asking you what your goals are. I’m a very goal-oriented person, so this approach worked well for me. We had moved into a new home just two weeks before my stroke. One of my goals was to be able to walk upstairs to the media room. 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 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 2015, 356 patients were discharged from the Stroke Program.

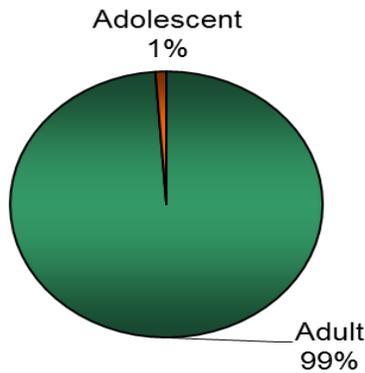
Type of stroke	Number of patients	Percentage of patients	Side of brain affected
Left body involved	119	33%	Right
Right body involved	159	45%	Left
Both sides involved	34	10%	Both
Other forms	44	12%	

Adult Patient Statistics by Age and Gender

In 2015, 352 adult patients were discharged from the Stroke Program.

Type of stroke	Average age	Percent of males 	Percent of females 
Left body involved	59	58%	43%
Right body involved	59	48%	52%

Stroke Program: Adults and Adolescents



Adolescent Patient Statistics by Age and Gender

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

In 2015, three (4) adolescent patients were discharged from the Stroke Program.

	Average age	Number of males 	Number of females 
Adolescent patients	14	75%	25%

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.

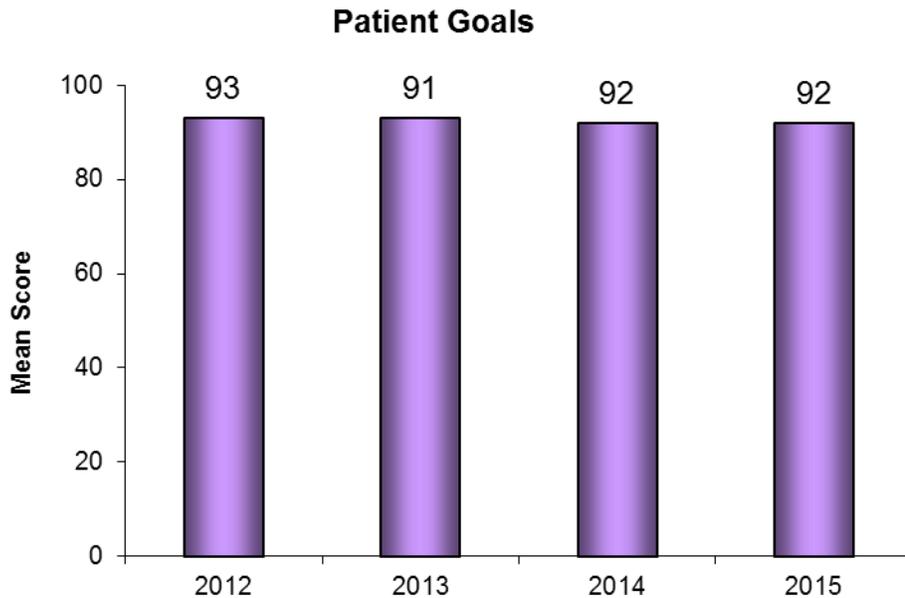
Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
	1	2	3	4	5	6
						
						
7	8	9	10	11	12	13
						
						
14	15	16	17	18	19	20
						
						
					National average length of stay = 19 days	
21	22	23	24	25	26	27
						
						
					TIRR MH average length of stay = 26 days	
28	29	30	31	1		

- The average length of time patients with stroke were at TIRR Memorial Hermann was 26 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 2015, 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, 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.

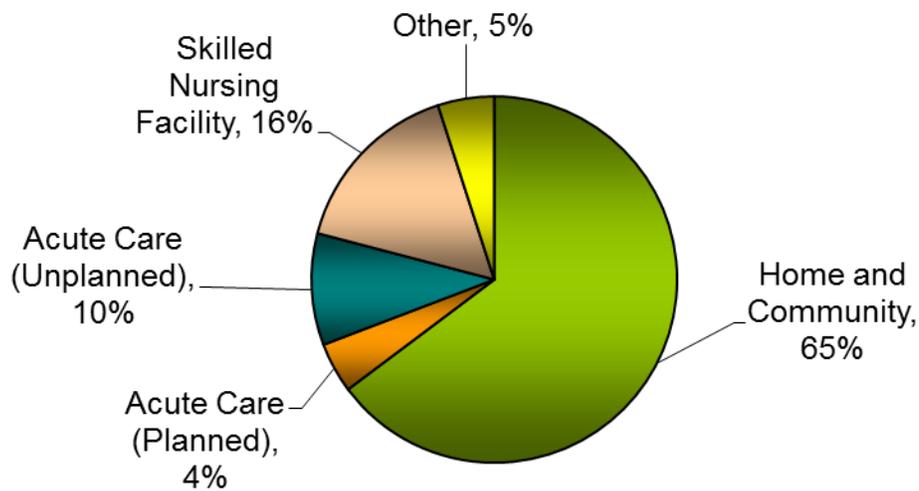
The Results of Rehab

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 2015



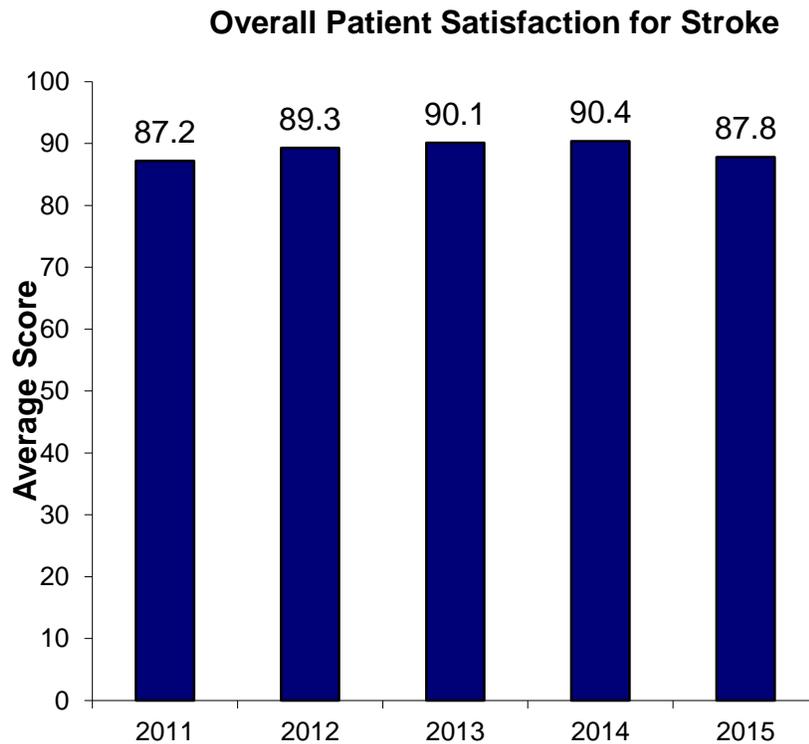
	Home or place in the community	Planned Acute-care facility	Unplanned Acute-care facility	Skilled nursing facility (SNF)	Other care facilities
Percent discharged	65%	4%	10%	16%	5%

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 2015, 36 or 10% percent had an unpreventable unplanned acute-care transfer during their stay.

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.

In 2015:

- Patients with brain injury and their families rated their care 87.8 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.

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