

# Year in Review

## UofL Health – Frazier Rehab Institute

### 2022 Highlights

- Recognized by Newsweek as one of America’s Best Physical Rehabilitation Centers of 2022.
- In partnership with Lifepoint Health, continued the development of a new rehab hospital in eastern Jefferson County scheduled to open mid-2023.
- Dr. Camillo Castillo and colleagues from the University of Louisville School of Medicine published two research articles in the American Spinal Injury Association (ASIA) Journal, Topics in Spinal Cord Injury Rehabilitation.
- Installed a new Zero G Gait and Balance System within Frazier Rehab’s downtown facility supporting the commitment to quality and innovative rehabilitation technology.
- The Spinal Cord Medicine Program provided more than 20 presentations at both national and international conferences, along with 5 publications.
- More than \$40,000 in scholarships provided with individuals with disabling conditions at Frazier Rehab’s Community Fitness & Wellness Gym.
- Drs. Matthew Adamkin and Priya Chandan initiated work on an \$850,000 grant from the U.S. Department of Labor for Retaining Employment and Talent after Injury/Illness Network.
- Frazier Rehab provided comprehensive rehabilitative care for 14 patients on mechanical ventilation.
- Outpatient rehab services increased by 17%.
- Celebrated the recognition of Frazier Rehab board member and volunteer, Elizabeth Fust, as a WLKY Bell Award recipient.
- UofL Health – Sports Medicine was selected as the official medical provider for University of Louisville athletics. In addition to primary, orthopedic and other specialty care, ten mental health and performance coaches were hired to support to student athletes. The Sports Medicine team is also providing training and medical care for 14 high schools in the region.

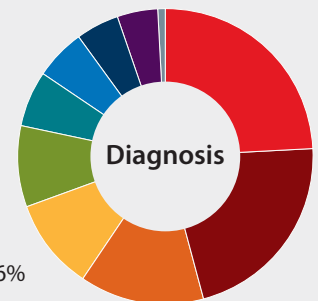
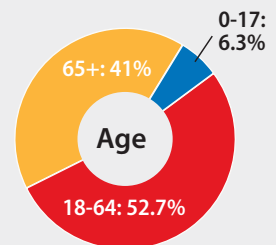
### Facility Overview

- 135 Licensed Beds
- 18 community-based, outpatient rehab locations in Kentucky and Southern Indiana
- Accredited by the Commission on Accreditation of Rehabilitation Facilities (CARF) and The Joint Commission
- Specialty Programs (CARF): Comprehensive Inpatient, Stroke, Brain Injury, Spinal Cord Injury with credentialing through 2026; Joint Commission; AACVPR – Pulmonary Rehab
- One of the top residency programs for PM&R with 10 residents onsite from the University of Louisville School of Medicine



### Inpatients Profile:

- **Patient Age (Adult)**
  - 0 Through 17 Years
  - 18 Through 64 Years
  - 65 And Older
- **By Diagnosis**
  - Stroke: 24.4%
  - Brain Injury: 21.5%
  - General: 13.6%
  - Spinal Cord: 10.2%
  - Orthopedic: 8.7%
  - Neurologic: 6.2%
  - Pulmonary: 5.5%
  - Cardiac: 4.8%
  - Amputee: 4.5%
  - Movement Disorders: 0.6%



### Quality

Frazier Rehab is the leading regional provider of care and treatment for persons with traumatic brain injury and traumatic spinal cord injury. National comparison data indicates, Frazier Rehab patients experienced:

- Lower incidence of device-associated urinary tract infections and C-difficile infections
- Lower incidence of falls with major injury than regional or national
- 80% of patients discharged to a home or community setting



## Program Spotlight: Pediatric NeuroRecovery Network Discovering and Delivering Hope

The Kosair for Kids Pediatric NeuroRecovery Network at UofL Health – Frazier Rehab Institute is discovering and delivering hope to families and children with spinal cord injuries. Through onsite research by Dr. Andrea Behrman, practitioners are able to apply new therapies that are changing outcomes for children. This translational research – not yet available in a textbook – is raising the bar for clinicians across the U.S.

For children with spinal cord injuries and their families who for years have had no hope, the translational research of the Pediatric NeuroRecovery Network is making better possible. Building off adult research and programs, the team is fast-tracking new knowledge and pushing the limits with children as they are growing. Work is focused on the most medically complex children using recovery-based therapies to promote movement below the level of injury. Their main goal is to retrain the nervous system at every stage of recovery so kids can get back to the business of moving.

This unique work – and the hope it provides – is bringing families from across the U.S. to Louisville. Children 12 months and older who have experienced a spinal cord injury are considered for the program.

**For more information or to learn more about outpatient recovery-based therapies for children and adolescents (ages 1-17) with spinal cord injuries, visit: [UofLHealth.org/pediatric-rehab](https://UofLHealth.org/pediatric-rehab)**

### Brain Injury Program

- In 2022, the Brain Injury Program provided inpatient services to 379 patients, representing approximately 19% of all admissions to Frazier Rehab Institute.
- The NeuroRehab Program (Outpatient Brain Injury Program) provided services to 248 patients with acquired brain injury in 2022.

The EMERGE Disorders of Consciousness program provides a continuum of care for patients with severe brain injury who are at low/minimal levels of consciousness. Treatment targets awareness, responsiveness, and communication with the goal of transitioning to mainstream rehab therapy, improving functional skills, and supporting independence so the patient can return home.

In 2022, 79% of patients admitted “emerged” demonstrating reliable communication or functional use. The average time from admission to emergence was 20 days, with a 44-day overall length of stay.

### Spinal Cord Injury Program

- In 2022, served 262 inpatients with spinal cord injury (SCI) and 286 outpatients with SCI
- More than 77% of SCI inpatients are discharged home
- Average SCI inpatient length of stay is 17 days, less than national average
- More than 93% of outpatient discharges with SCI made statistically significant improvement on a functional outcome measure

### Stroke Rehab Program

- In 2022, provided inpatient care to 487 patients, representing approximately 23% of all admissions to Frazier Rehab Institute. Of these patients, 49% were over age 65.
- The average length of stay for patients with a stroke diagnosis is approximately 2 weeks (15 days).

### Active Support Groups

- Aphasia Support Group
- Brain Injury Survivor Support Group
- Brain Injury Family and Caregiver Support Group
- Community Connections Discussion Group
- Pulmonary Support Group

### Assistive Technology Resource Center

- Mobility and Seating
- Adaptive Computer Access
- Alternative and Augmentative Communication (AAC) Devices
- Electronic Aids to Daily Living (EADLs)
- Home and Workplace Modification

### Community Fitness & Wellness Gym

- Accessible facilities
- Personalized training for individuals with disabling conditions
- Innovative and accessible exercise