



Cincinnati Children's Hospital  
Inpatient Rehabilitation Unit  
FY 2019  
Annual Report

## Note from the Medical & Clinical Directors

The Inpatient Rehabilitation Program has had a tremendous year. In October 2018, we had our CARF Accreditation visit in which we underwent reaccreditation surveys for our Pediatric and Brain Injury Specialty Programs. During this survey, we also pursued accreditation as a Cancer Rehabilitation Specialty Program and an Interdisciplinary Pain Rehabilitation Specialty Program. We are ecstatic that we achieved full accreditation for all and are especially happy to report that only one standard (from a total of over 1000 standards!) received a recommendation from the four surveyors who visited our inpatient program! Even more exciting, we are the first pediatric rehabilitation program in the world to receive an accreditation for our Cancer Specialty Program and the second in the world to receive an accreditation for our Interdisciplinary Pain Specialty Program (FIRST). We truly believe the results of our CARF Survey is a reflection of our leader's and the staff's commitment to excellence for our patients and families.

To build on these successes, our leadership team held a strategic planning session in the spring of 2019. We are well positioned to address our plan through the development of program specific specialty groups led by clinical directors along with therapists, nurses and other support staff. We are confident these teams will assist in keeping our goals in focus, and our efforts relevant with plans and projects to move each of the programs forward.

We have garnered great support from our administrative leadership and services within Cincinnati Children's Hospital to allow us to dream bigger. In addition, the financial support of the Cincinnati Children's Hospital Junior Cooperative has supported us to purchase state of the art therapy equipment that further benefits our patients in innovative ways.

We are excited for the execution of goals and strategies that we have developed for 2020. We hope as you review our outcomes, accomplishments and goals, you will appreciate our current successes and possibilities for the future. In the end, our goal is to make a difference with each of our inpatient rehabilitation patients and families every day.

Sincerely,

*David Pruitt, MD*  
Medical Director  
Inpatient Rehabilitation

*Sharon Chaney, PhD, RN*  
Clinical Director  
Inpatient Rehabilitation

# Pediatric Specialty Program

## Facts & Figures FY2019

Item	Data	Item	Data
Patients admitted	162	Patients discharged home	92.3%
Average length of stay	21.5 days	Patients participating in leisure activities 90 days post discharge	85%
Ages served	9 mo. – 30 yrs.	Patients maintaining or improving overall function in program	99%
Average therapeutic hours	4.3 per day	Overall favorable responses by families, (9's & 10's)	93.2%

## Accomplishments FY2019

- CARF accreditation for the Pediatric Specialty Program completed with only one recommendation from over one thousand standards reviewed.
- Increased the presence of Pastoral Care on the unit for patients, families, and staff. Launched Day of Peace for staff wellness.

## Goals FY2020

- Review current patient, outcomes, and determine needs for further development in the treatment of this specific diagnostic group.
- Evaluate outcome measures specific to pediatric population by diagnosis and/or discipline specific indicators to determine best practice in measuring overall improvement. Determine outcome measures to be piloted for this specialty program.
- Create personal connections (internal) with CDBI, Neurology, Neurosurgery, and Trauma through consistent attendance and reporting of services in meetings, distribution of annual reports, and satisfaction surveys.
- Create personal connections with external referral sources providing patient outcome reports, annual reports, and satisfaction surveys.

# Brain Injury Specialty Program

## Facts and Figures FY2019

Item	Data	Item	Data
Patients admitted	59	Patients discharged home	91.7%
Average length of stay	22.2 days	Patients participating leisure activities 90 days post discharge	71%
Ages served	9mo. – 28 yrs.	Patients maintaining or improving overall function in program	100%
Average therapeutic hours	4.4 per day	Overall favorable responses by families, (9's & 10's)	87%

## Accomplishments FY2019

- CARF accreditation survey for Brain Injury Specialty Program completed with no recommendations.
- Experienced an increase in the number of patients admitted with disorder of consciousness.
- Created an interdisciplinary team led by a clinical director to provide oversight of the program.

## Goals FY2020

- Complete a needs assessment for a disorders of consciousness program as well as determining best practices in inpatient rehab to establish next steps in development of this program.
- Evaluate outcome measures specific to brain injury specialty populations by diagnosis and/or discipline specific indicators to determine best practice in measuring overall improvement. Determine outcome measures to be piloted for this specialty program

# Cancer Specialty Program

## Facts and Figures FY2019

Item	Data	Item	Data
Patients admitted	27	Patients discharged home	93.1%
Average length of stay	20.1 days	Patients participating leisure activities 90 days post discharge	90%
Ages served	21mo. – 21 yrs	Patients maintaining or improving overall function in program	100%
Average therapeutic hours	4.1 per day	Overall favorable responses by families, (9's & 10's)	100%

## Accomplishments FY2019

- CARF accreditation survey for the Cancer Specialty Program completed with no recommendations. Our program became the first in the world to receive CARF accreditation for pediatric cancer rehabilitation.
- Completed a cancer orientation video available on the Get Well Network and Cincinnati Children's Hospital Pediatric Rehabilitation website.
- Further development of relationships with the Center for Blood Diseases Institute to strengthen programs and continuity of care.
- Created an interdisciplinary team, led by a clinical director to provide oversight of the program.

## Goals FY2020

- Determine level of competency of staff in delivering cancer specific services and treatments with an action plan to address gaps.
- Evaluate outcome measures specific to cancer specialty populations by diagnosis and/or discipline specific indicators to determine best practice in measuring overall improvement. Determine outcome measures to be piloted for this specialty program.

# FIRST Specialty Program

## Facts and Figures FY2019

Item	Data	Item	Data
Patients admitted	35	Patients discharged home	97%
Average length of stay	20.8 days	Patients participating leisure activities 90 days post discharge	92.3%
Ages served	9 – 18 yrs.	Patients maintaining or improving overall function in program	100%
Average therapeutic hours	4.9 per day	Overall favorable responses by families, (9's & 10's)	98%

## Accomplishments FY2019

- **CARF accreditation completed for the Pediatric Pain Rehabilitation Program with no recommendations. Our program became the second in the world to receive CARF accreditation for Pediatric Pain Rehabilitation.**
- **Initiated a Virtual Reality program.**
- **Continued the development of a Parent Education program which has received extremely positive feedback from parents.**
- **Completed a research study of pain scales to more appropriately assess pain in this population**

## Goals 2020

- **Expand growth opportunities by decreasing wait time to improve the access of the program and the satisfaction of the patients, families, and other stakeholders.**
- **Invite all staff to FIRST Academic Team meetings each quarter.**
- **Include the Operational Excellence Team and other disciplines in annual retreats for strategic planning, with quarterly outcomes reporting.**
- **Create and implement a unified FIRST daily expectation plan for each patient to improve the consistency and expectation of services and thereby the satisfaction of patients and families.**