



PFR Registry Newsletter

Pulmonary Flow Restrictor Registry Ver. 1.1

Highlights

- **Enrollment Growth:** 184 cases enrolled from 16 centers.
- **Record Year (2025):** Highest annual enrollment to date, with 79 PFR implantations performed.
- **2nd PFR Registry Webinar (Dec 18, 2025):** Recording available on the CCISC website.
- **Next Webinar (May 14, 2026):** Invited speaker – Dr. Shyam Sathanandam (Nicklaus Children’s Hospital).
- **1st Brief Report Released:** Analysis of 132 patients now available on the CCISC website.
- **Streamlined DUA:** A simplified DUA is being distributed to pending sites. We remain committed to facilitating timely site activation.
- **IRB Revision (v1.2) Forthcoming:** Dataset simplification underway – removing low-quality variables and adding more meaningful clinical data elements.

Congenital Cardiovascular Interventional Study Consortium

Brief Report – Pulmonary Flow Restrictor (PFR) Registry

Date: November 4, 2025

PFR Registry Organizers
Daisuke Kobayashi, MD: St. Louis Children’s Hospital / Washington University in St. Louis
David Balzer, MD: St. Louis Children’s Hospital / Washington University in St. Louis
Thomas Forbes, MD: Joe DiMaggio Children’s Hospital / Memorial Health System

Executive Summary

This brief report presents the results of a preliminary analysis from the **Pulmonary Flow Restrictor (PFR) Registry**. The registry was launched in mid-2024 and has rapidly evolved as a collaborative, multicenter effort. As of this report, **148 cases** have been enrolled from **17 participating centers**, with **132 patients** included in the current analysis.

Upon request from the **PDA Stenting Symposium 2026** organizers, early registry data were presented at the conference. This document is intended to provide an overview of the collected data, highlighting patient demographics, procedural characteristics, and early outcomes.

This report is **not a formal publication** but rather an internal summary designed to illustrate the registry’s current progress and share initial observations of interest with collaborators. The findings reflect where the registry stands today and provide insight into the evolving practice of transcatheter PFR implantation.

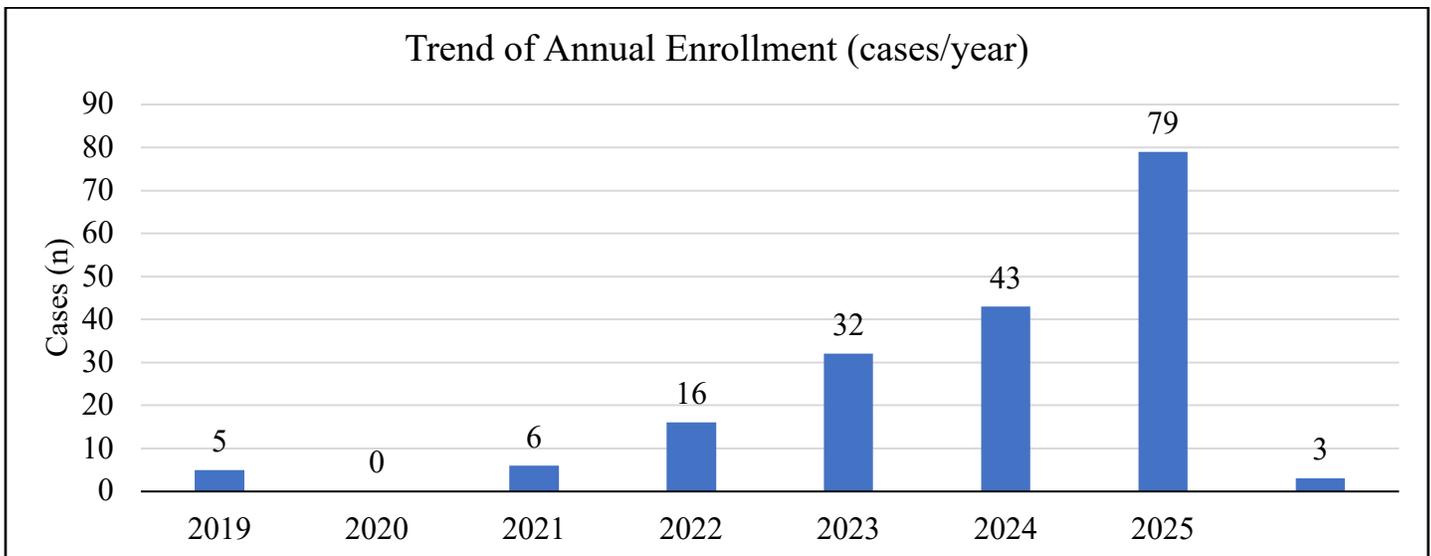
The registry continues to expand its participating sites and accumulate procedural experience through collaborative data collection. The registry organizers are committed to providing timely feedback, promoting data sharing, and advancing best practices in the care of patients undergoing PFR implantation.

Document Content

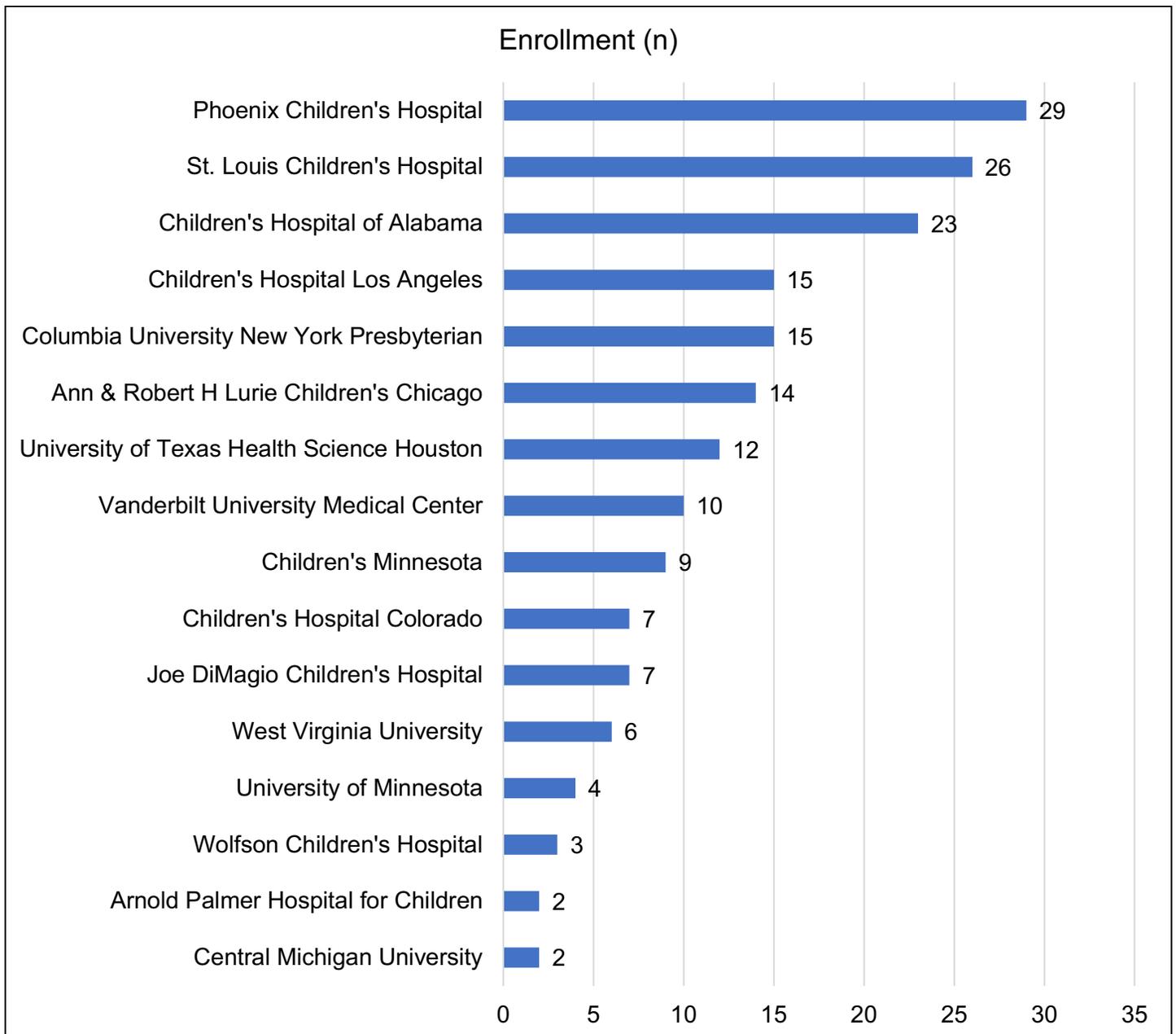
This brief report provides an early update and insight from the ongoing multicenter PFR Registry, presenting:

- **Registry progress** and current enrollment status
- **Patient demographics and baseline characteristics**
- **Procedural data** of PFR implantation
- **Preliminary one-year outcomes** based on ongoing data collection

Brief Report – PFR Registry 1 Date: November 4, 2025



Case Enrollment Per Center



PFR Registry Study Contacts:

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Co-Investigator: **Thomas Forbes, MD**

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Overall Site Progress

No.	Site	IRB Approval	Participation Agreement (DUA)	Enrollment Cases (n)
1	Children's Hospital of Colorado	✓	✓	7
2	Joe DiMaggio Children's Hospital	✓	✓	7
3	Children's of Alabama at Birmingham	✓	✓	23
4	Children's Minnesota	✓	✓	9
5	Children's Hospital of Los Angeles	✓	✓	15
6	University of Minnesota	✓	✓	4
7	University of Texas Memorial Hermann	✓	✓	12
8	Vanderbilt University	✓	✓	10
9	OSF Healthcare Children's Hospital of Illinois	✓	✓	0
10	Wolfson Children's Hospital	✓	✓	3
11	Arnold Palmer Hospital for Children	✓	✓	2
12	Columbia Presbyterian Hospital	✓	✓	15
13	St. Louis Children's Hospital / WashU	✓	✓	26
14	Phoenix Children's Hospital	✓	✓	29
15	Central Michigan University Detroit	✓	✓	2
16	Ann & Robert H. Lurie Children's Hospital	✓	✓	14
17	West Virginia University Children's Hospital	✓	✓	6
18	UPMC Children's Hospital of Pittsburgh	✓	New DUA 2/17 sent	
19	University of Wisconsin, Madison	✓	New DUA 2/17 sent	
20	University of Arizona Health Sciences Center	✓	New DUA 2/17 sent	
21	Nationwide Children's Hospital	✓	New DUA 2/18 sent	
22	Duke University	✓	New DUA 2/18 sent	
23	University of Virginia	✓	New DUA 2/18 sent	
24	Advent Health for Children	✓	New DUA 2/18 sent	
25	Children's Hospital of New Orleans	✓	New DUA 2/18 sent	
26	Advocate Children's Hospital		New DUA 2/19 sent	
27	Medical City Dallas		New DUA 2/17 sent	
28	Cohen Children's Medical Center of NY		New DUA 2/17 sent	
29	INOVA Fairfax		New DUA 2/19 sent	
30	Atrium Health		New DUA 2/19 sent	
31	Children's Hospital of the King's Daughters		New DUA 2/19 sent	
32	Children's Hospital of Richmond/VCU		New DUA 2/19 sent	
33	Children's Mercy Hospital, Kansas City		New DUA 2/17 sent	
34	Cincinnati Children's Hospital		New DUA 2/19 sent	
35	Cleveland Clinic		New DUA 2/19 sent	
36	Johns Hopkins All Children's Hospital		New DUA 2/19 sent	
37	LeBonheur Children's Hospital		New DUA 2/19 sent	
38	Mayo Clinic		New DUA 2/19 sent	
39	Nemours Children's Hospital		New DUA 2/17 sent	
40	Nicklaus Children's Hospital		New DUA 2/19 sent	
41	University of North Carolina, Chapel Hill		New DUA 2/19 sent	
42	Ochsner Children's Hospital		New DUA 2/19 sent	
43	Rady Children's Hospital		New DUA 2/19 sent	
44	Seattle Children's Hospital		New DUA 2/19 sent	
45	Texas Children's Hospital		New DUA 2/19 sent	
46	UC Davis		New DUA 2/19 sent	
47	UCSF		New DUA 2/19 sent	
48	University of Oklahoma		New DUA 2/19 sent	
49	Valley Children's Hospital		New DUA 2/19 sent	
50	Cardinal Glennon Children's Hospital		New DUA 2/19 sent	
Total				184