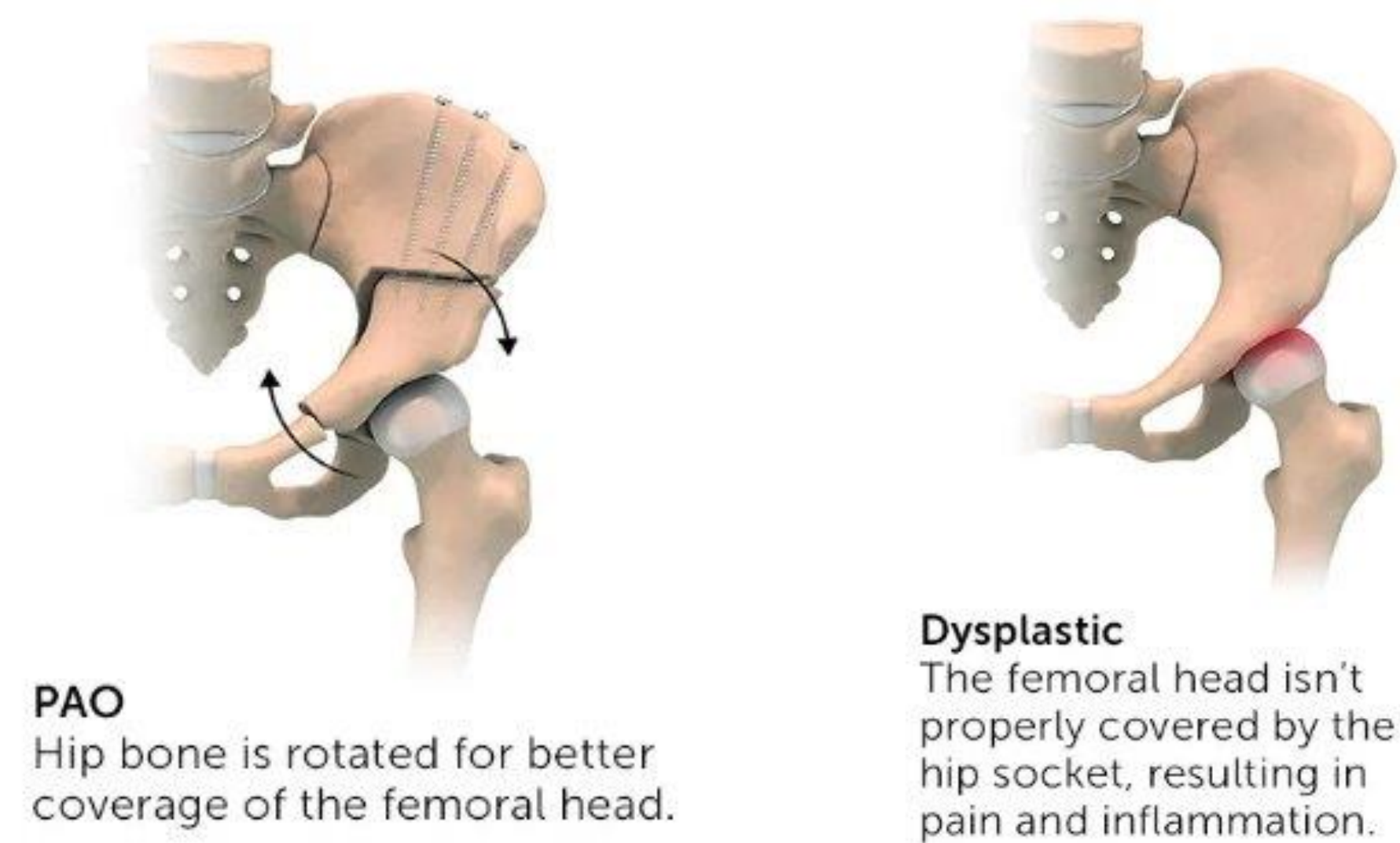


Periacetabular Osteotomy Patient (PAO) at BCH Waltham

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Background/Significance

- Periacetabular osteotomy (PAO) is a surgical procedure that changes the angle of the hip socket so the femoral head fits securely inside of it.
- PAO is the surgical treatment for patients > 12 years old or <40 years old with hip dysplasia who are limited in their daily function.
- The goal is to preserve the hip joint, restore hip stability, and improve function.
- Hospital stays for PAO patient is 2-3 days.
- To increase inpatient bed availability at the Boston Campus, 3 West, the inpatient unit at Waltham, began caring for this patient population.



Purpose and Goals

- Provide effective post operative analgesia to support patient recovery and comfort
- Utilize B Happy Ball to reduce reliance on opioids
- Implement early ambulation and timely home equipment delivery to facilitate discharge on POD2-3
- Improved patient and family satisfaction
- Improve Waltham Inpatient bed utilization

Description of Project

- The 3 West nursing project team met with Orthopedic surgeons, the pain service team, and physical therapists during the transition of care to the Satellite inpatient Unit.
- A series of PDSA cycles were used to improve care and to involve front line staff with changes.
- The pain scores post operatively and upon discharge were collected and examined.
- Length of stay and complications were documented and reviewed by the project team.

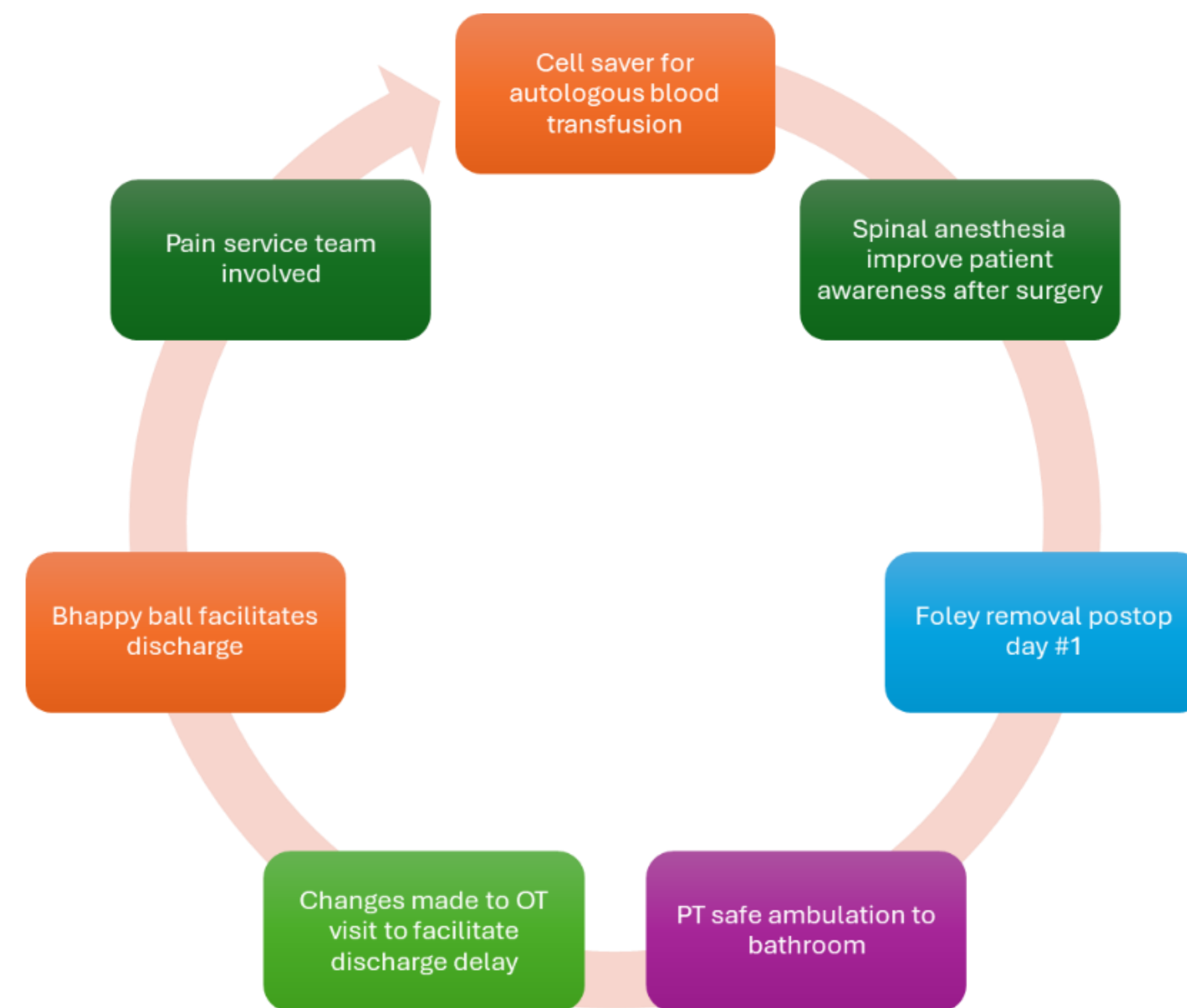


Figure 1. Key Components of Care for PAO Patients in Waltham

Key Points/Program Highlights

- PAO patients (N = 23) were admitted to the inpatient satellite unit in Waltham with a mean age of 21 years.
- PAO inpatient satellite hospital days was 56 and mean days to discharge was 2.4.
- One patient required transfer to Longwood Campus.

Waltham Inpatient PAO	
Number of PAO Patients	N = 23
Mean Age	M = 21
Inpatient Days (total)	N = 56
Mean Days to Discharge	M = 2.4
Transferred to Boston	N = 1

Next Steps

- Meet with pain service biannually
- Meet with Physical therapy quarterly
- Monitor length of stay, pain scores and complications
- Expand patient population/service to Waltham inpatient unit
- Decompress Boston Campus
- Increase census on Waltham inpatient unit