

Spine Pathway Phase 2: Implementation & Review

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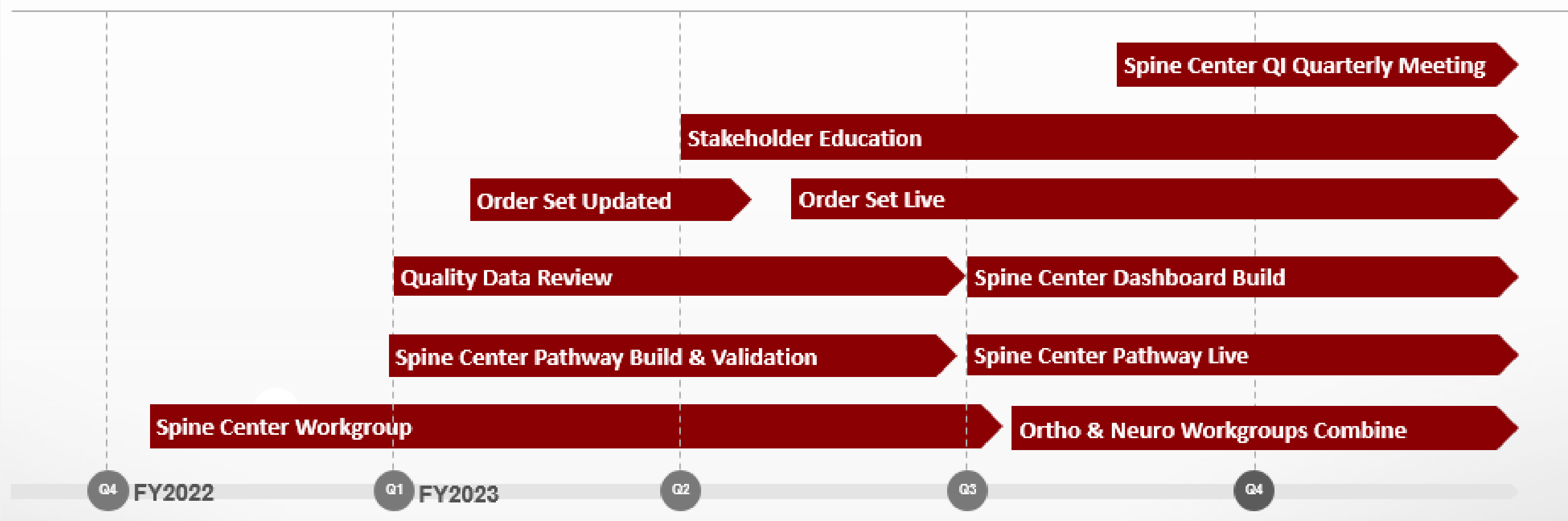
Opportunities

- Reengage workgroup in institutional and industry benchmarks with a focus on: length of stay (LOS), discharge to home, readmission, surgical site infections (SSI), and observed: expected (O:E) mortality rate
- Improve Communication Barriers: interdisciplinary communication patterns and tactics between surgeons, physical therapy, inpatient/outpatient nursing, residents, and other ancillary services identified as fragmented or silo'd which lead to identified errors and near misses
- Standardized Education: high demand for streamlined patient education material and updated protocols to aid in the enhancement of both patient and resident education
- Integration of Service Lines: Neurosurgery and Orthopedic Spine teams are reviewed as one accountable area by institutional and external credentialing benchmarks

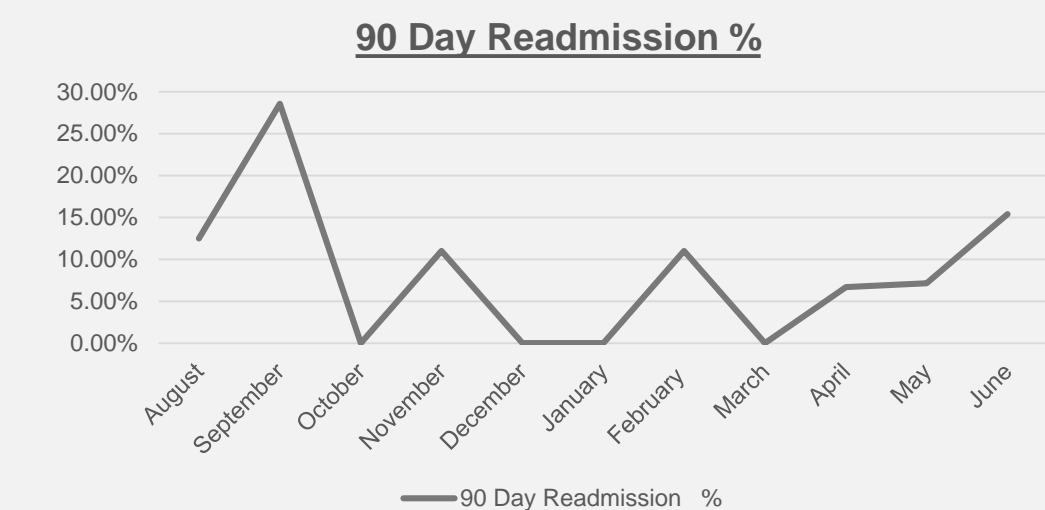
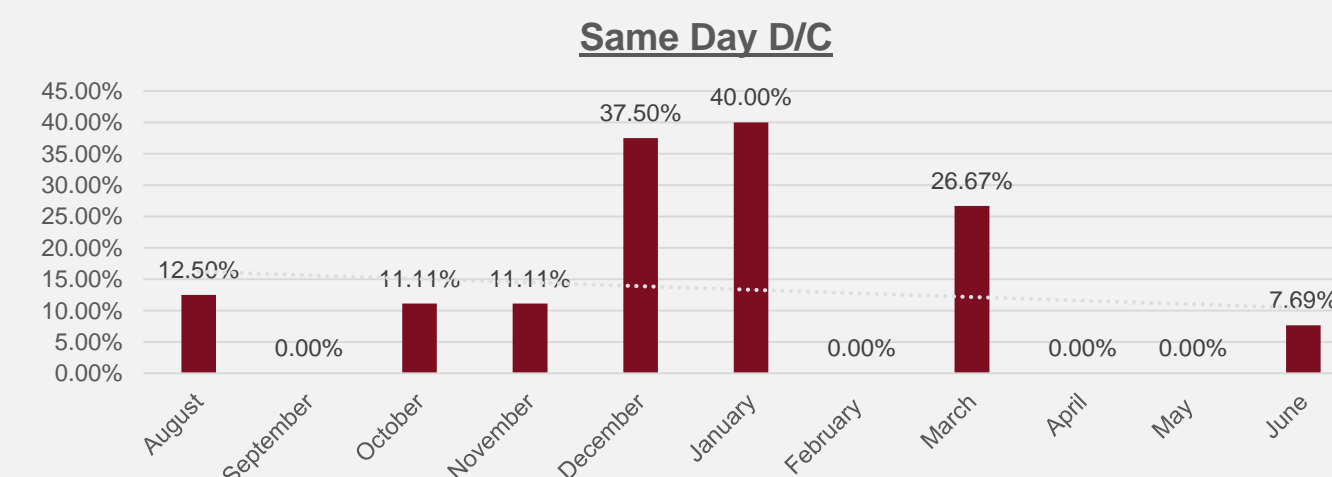
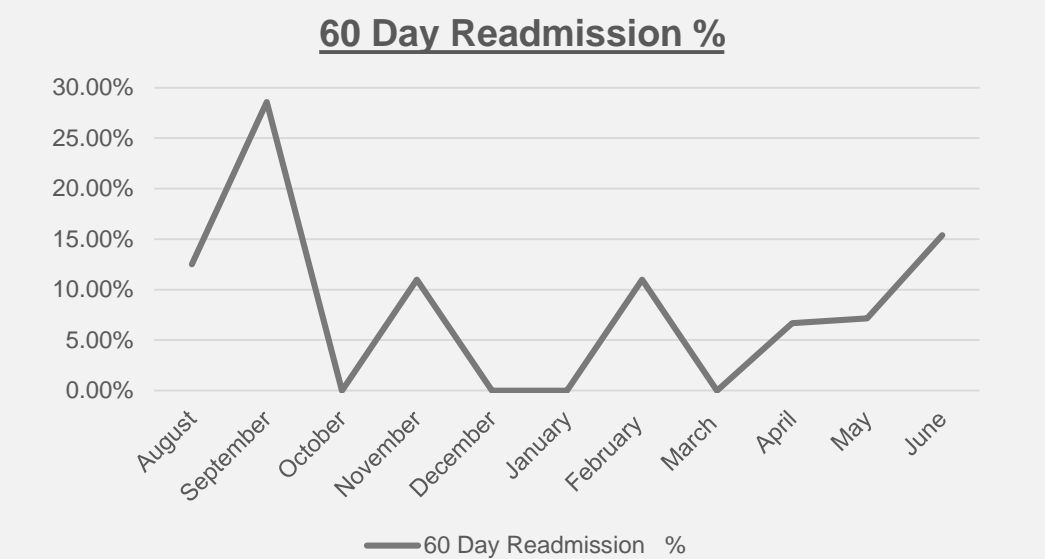
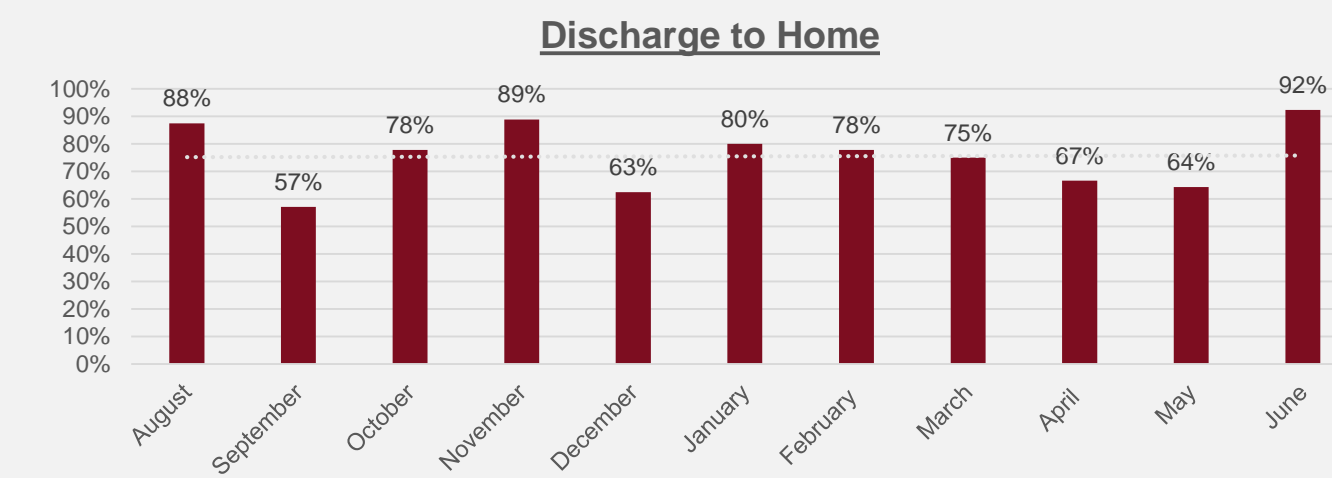
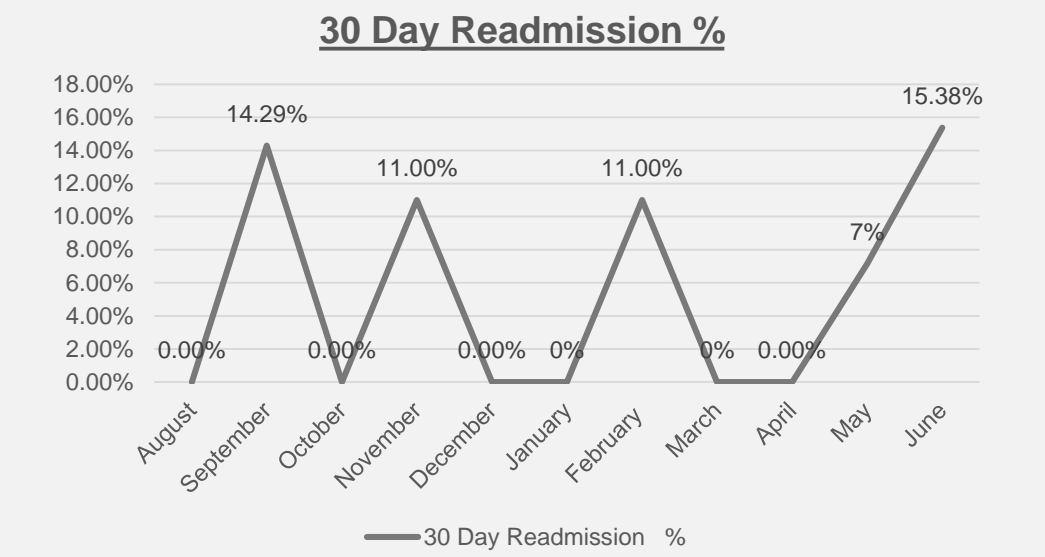
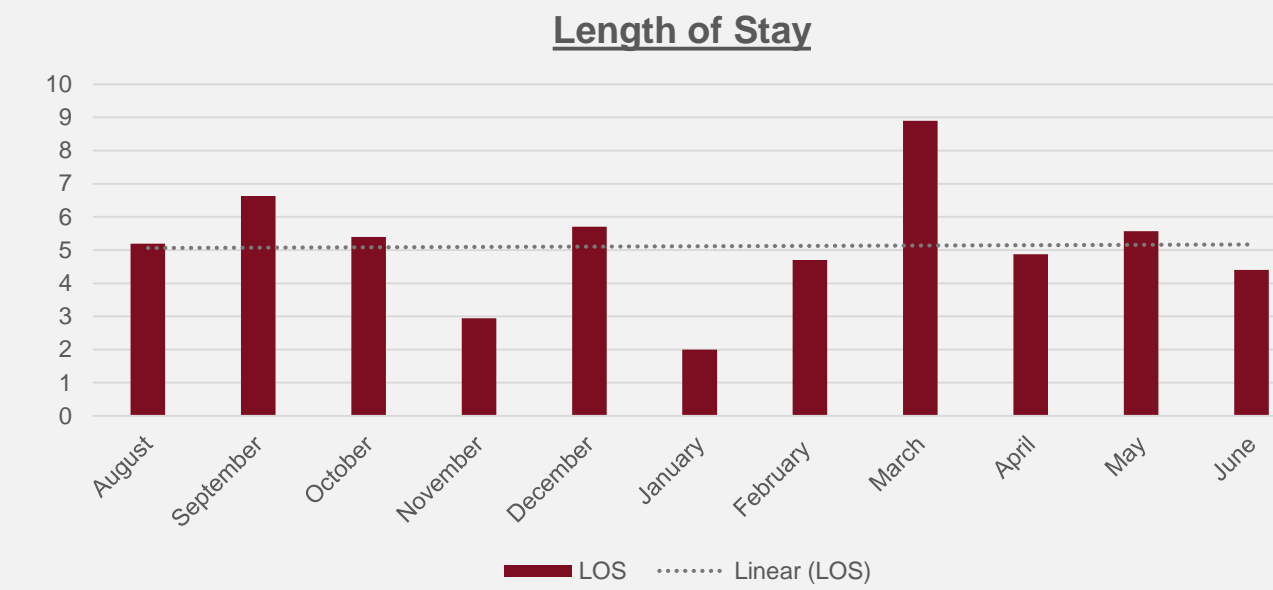
Goals

- Exploration into the patterns and data will assist in determining root cause of post operative complications and subsequently support positive practice changes
- The pathway will streamline preferences and protocols for post operative spine patients that will improve communication, cross-coverage, and resident training
- Create opportunities that will align with USNWR metrics and include improvement in length of stay, discharge to home, readmissions, and overuse metrics.
- Consolidation of Neurosurgery and Orthopedic Spine service lines into one comprehensive Spine Center.
- Consistent use of the Spine Center pathway, integration of Spine Center Order set into practices patterns, and review of consolidated data within the Spine Center Tableau Dashboard

Project Timeline



Impacts



Next Steps

- ❑ Spine Center Dashboard live and used for ongoing quality performance improvement
 - ❑ Integrate data review into formal Spine Quality Improvement Conference & Faculty meetings
- ❑ Ongoing optimization of the Spine Pathway & Spine Order Sets
- ❑ This work group will continue to encourage use of the pathway across the specialties.
- ❑ Modifications to the pathway will be made to streamline use over time.
- ❑ Concurrent dashboard will be built to track outcome measures.
- ❑ Engage in education with pathway/order set stakeholder groups: Surgeons, Residents, Fellows, Nursing, Physical Therapy, Social Work/Case Management