

# Joint Replacement Programs:

## Achieving Results through Effective Length of Stay Management >

### LENGTH OF STAY ANALYSIS

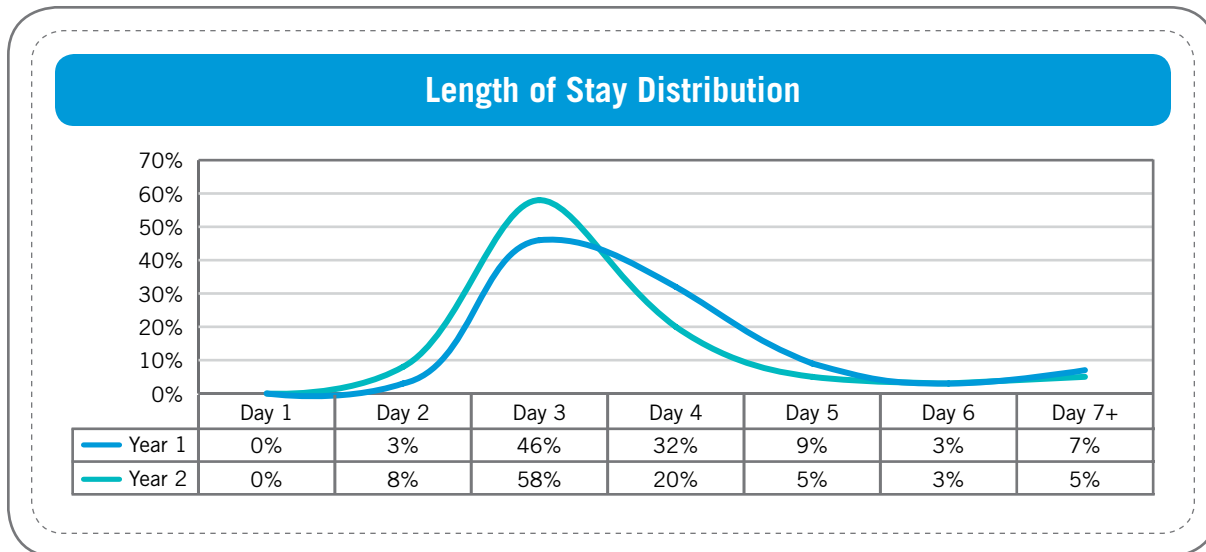
Accelero partnered with a large hospital system in Missouri to develop a musculoskeletal program. Early initiatives focused on their joint replacement program, specifically improving length of stay for their joint replacement patients. Accelero's initial length of stay analysis determined the areas of focus should include: reduction of physician variability, standardization of patient care, aggregation of cases to Monday, Tuesday and Wednesday, and initiation of a group therapy model.

### Drivers of Length of Stay Improvement

- Revised order sets and pathways
- Clearly communicated three day length of stay to the patient at pre-admission education class
- Consistent messaging to patient among care providers
- Physicians set expectations with the patient
- Early discharge planning process



### ACHIEVING RESULTS



### Results: Comparing Year 1 to Year 2

- 12% shift of joint replacement cases from a 4 day length of stay to a 3 day length of stay
- Contribution margin increased by \$247,506
- Variable cost savings of \$92,794