

# **Reducing PICU-to-Floor Time-to-Transfer Decision in Critically Ill Bronchiolitis Patients Using Quality Improvement Methodology: Supplemental Digital Content**

## **Supplemental Methods**

### *Criteria for Special Cause Variation*

As per the recommendations in Carey et al<sup>1</sup>, special cause variation was considered to have been met when any of the following conditions occurred:

- When a single point falls outside of the control limit
- A trend of 6 or more values in a row steadily increasing or decreasing
- When two out of three successive values are: a) on the same side of the centerline, and b) more than 2 standard deviations from the centerline
- When eight or more successive values fall on the same side of the centerline

### References

1. Carey RG, Stake LV. *Improving healthcare with control charts: basic and advanced SPC methods and case studies*. Quality Press; 2003.