Abstract

Background
The length of time required to complete an organ donation case has an impact on Organ
Procurement Organization (OPO) finances, hospital staffing, donor family care, and transplant
recipients. A quality improvement project was initiated to analyze if use of an evidence-based
resource guide could decrease the length of organ donor cases from authorization to cross-clamp.

Methods
Organ procurement recovery coordinators were educated on use of an evidence-based resource
guide and asked to implement the guide at the start of an organ donor case. Case lengths during
the intervention period were compared to case lengths 3-months prior to the intervention.

Results
Total case length during the 12-week intervention period averaged 6.49 hours shorter compared
to average case length prior to the intervention period. Procurement coordinator confidence in
organ donor management and allocation also improved over the implementation period.

Conclusion
An evidence-based resource guide shows promise as a potential intervention to decrease organ
donor case length in hours. Expansion of this project to other OPOs should be considered to
increase knowledge about the resource guide as it relates to a reduction in organ donor case
times.