ASPIRE: IT Specialist Role Description

## Role Summary

The Anesthesiology Performance Improvement and Reporting Exchange (ASPIRE) connects hospitals across Michigan in an effort to measure and improve the care of patients throughout the state. Funding provided by Blue Cross Blue Shield of Michigan (BCBSM) and Blue Care Network (BCN), is enabling anesthesia providers to investigate methods to decrease variation in care known to impact perioperative complications.

Each participating site is responsible for identifying an IT specialist who can implement the technical backend needed for the success of the project. This position will serve as a liaison to both the technical staff at ASPIRE as well as the site’s clinical staff involved in the project. This is an ongoing position that requires a larger FTE during initial development and a lower FTE during maintenance.

The IT specialist is responsible for:

* Working with internal ASPIRE technical staff to set up the database and data flow processes needed for the project, including FTP processes and task automation
* Writing and maintaining processes to translate anesthesia documentation, PACU documentation, in-hospital mortality, and in-facility billing data into flat files
* Working with external billing vendors to obtain flat files containing anesthesia billing information, if applicable
* Fixing data quality and accuracy issues found by the hospital’s QI champion and ACQR

## Required Qualifications

* Knowledge of the anesthesia information management system (AIMS) that is currently in use at the participating site
* Relational database experience, including writing and debugging SQL stored procedures and functions
* Experience with data flow setup and automation