Adult and Pediatric Hybrid Suites
University of Maryland Medical Medical Center

In designing the hybrid suites, some of the first of their kind in the world, MCA designed a space that is a good operating room and a good interventional room, equally. Hybrid rooms exist to improve safety and efficiency, and by refusing to compromise any of the architectural/engineering standards, we maximized the safety and efficiency of the suites.

Challenges / Solutions
Multiple conflicting requirements for OR/IR equipment, air, ceilings, and walls / Focused on every detail to ensure that the suite meets all architectural requirements
Suite to be used for multiple clinical scenarios / Conducted multiple full-scale mock-ups involving all stakeholders to be sure the layout meets all the needs
Existing equipment templates did not accommodate all treatment scenarios / Challenged equipment vendors to modify their templates, to achieve the best possible layout for a hybrid room

Project Scope
- 5000-sf adult suite accommodates cardiothoracic surgery, minimally invasive robotic cardiac surgery, and angiography
- 1500-sf pediatric suite accommodates pediatric cardiothoracic surgery and angiography
- Total construction cost for both suites: $3 million

Accolades
“My compliments on one of the most comprehensive sets of drawings I’ve seen in some time.”
- University of Maryland Medical Center