

University of Chicago Medicine Comer Children's Hospital
New Pediatric Cardiac Catheterization Lab

August 19, 2015,

The University of Chicago Medical Center held a ribbon cutting today for a state of the art pediatric cardiac catheterization lab. The multidisciplinary lab with its new Toshiba equipment is one of three in the country to have the sophisticated real time radiation dose tracking system



(DTS) which graphically shows dose exposure on multiple monitors so the physician can adaptively adjust the camera location, beam, and angle to reduce exposure for the young patients. The integrated image stream system also allows for previously taken detailed MR, CT, and PET images to be displayed side by side with real time images allowing additional visualization during the procedure. PFB architects along with Leopardo construction completed this fast track design and construction in an unprecedented 5 ½ months. The project design utilized a 5 day Kaizen



process to track the flow of physicians, clinicians, patients and supplies through the various procedures that will take place in the room. The University was able to implement Lean practices for each part of the patient experience analyzing check in, pre-op, procedure, post-op, and check out for a variety of procedures. The image stream system also allows the clinical team to play the

favorite music, videos, or cartoons of the child who is receiving the procedure to help calm and ease the anxiety associated with complex medical procedures.

