

Department of Design student-design team won the 2012 Nurture Collegiate Healthcare Design Competition. The theme this year was “Supporting Mobile Work in Healthcare.”

The project, *Innovative Design for Cancer Centers through the use of Care Control Stations*, proposes new design and technological solutions for an existing outpatient cancer center located in a rural area in the Midwest. The design proposal includes “Care Control Stations” (CCS) that aim to enhance staff and patient collaboration, and to support collaborators’ mobile tasks. The CCS was created in hopes of eliminating nurse stations and creating a more multifunctional and mobile station that supports technological advancement and collaborative needs. This station consists of three different zones with varying levels of collaboration, privacy and access to technology. Innovative components of the CSS include rotating wall partitions that offer private or semi-private work areas with mobile technology, and smart and flexi-glass displays to aid collaboration while searching for information and accessing patient records. Additionally, the triage and patient waiting area were redesigned in hopes of facilitating work flow, and enhancing mobility and agility.

The project team included graduate students Islam Obeidat, Diana Sabouni, Haitham El-Hammali, Rehab Aburas, and Duy Pham. Team members were supervised by their academic advisor Dr. Debajyoti Pati.

Upon winning the competition, team members were given the following comments by the judges:

"The project was graphically pleasing and followed EBD principles" and "the expansion of patient and family waiting to allow for ergonomic furniture is excellent. This is frequently overlooked by many healthcare facilities."

“(…) did an outstanding job of supporting mobile workers and solving for the challenges they face. “The thought process was impressive and the design concepts link well to problem statements,”

“The hypothesis and methodology were well-documented and thought through”.

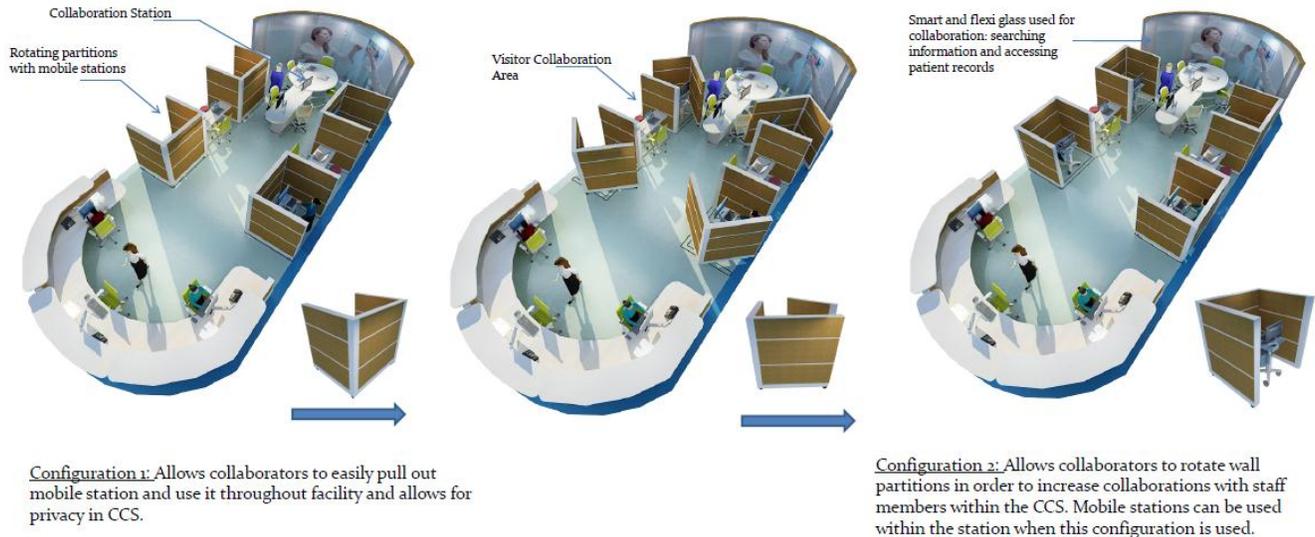


Image 1 - Depicting the varying configurations of the Care Control Station (CCS)



Image 2 - Front perspective of CCS



Image 3 - Proposed floor plan