**Diagram

Description automatically generated**

**Liyang Zhang 2020-2021:** ICU DESIGN BEST PRACTICES BASED ON SCCM ICU DESIGN CITATION PROJECTS (2010-2021)

* Create a comprehensive perspective of ICU background, functional relationship, circulation, and flow in a variety of scales of the ICU department.
* Analyze the best-practice SCCM ICU Design Citation projects (2010-2020).
* Improving a thorough check of key evidence-based design (EBD) considerations needed to facilitate and support design decision-making.
* Displaying the integrated design of a typical ICU department organized by 18 evidence-based design (EBD) goals in four categories, which are based on SCCM ICU Design Citation judging criteria.
* A detailed list of design features being provided as a checkpoint to measure the extent to which the design addresses key issues/considerations and achieves EBD goals.
* Develop a set of future design challenges that can be applicable for future design and innovation.