ABSTRACT

The hospital is a building typology that has a great tendency to change. The physical condition of the building can be continuously adjusted as a result of the needs. It is a challenge that must be faced, especially the negative potential that can happen is the building obsolescence. Discomfort felt by visitors to the hospital will further add impetus to leave the building, so the functionality and benefits can not be maintained. Therefore, the approach used in designing the architecture needs to incorporate principles of flexibility and adaptability in architecture to the changing needs of coherence. This study aims to provide the flexibility and adaptability of the application of the approach in the design of hospital buildings which in this case is the Surgical Wing RSUD dr. Soetomo. The design-based research using evidence-based design in which there are collecting factual data relating to the dominant changes occur in the hospital. Design process that started with a literature study and field studies to several hospitals to map trends and management changes that are common in Indonesia, especially in Surabaya. Then conclude the symptoms that occur to be processed into three design criteria formulation. One of these criteria refer to the order handling space of three installations that have a huge tendency to change. The design of the site, circulation, building mass and space on the end result of this case study is the design of the composition which is prepared for the future development.

Keywords: adaptability; flexibility; hospital