

# A Healthcare Facility is known to be Full of Complexity and Contradiction

Peter Marck\*

Department of Architecture and Design, Leiden University, Netherlands

## Description

The World Health Organization announced the Global Strategy for Health for all by the Year 2000 in 1978, with the goal of ensuring that every person on the planet had access to adequate healthcare. Unfortunately, this strategy's current state is still far from the original global goal. Various sorts of high-standard healthcare facilities should be planned and constructed to attain this goal, particularly in developing nations. A healthcare facility is notorious for its complexity and inconsistency. Given the diverse viewpoints of patients, medical staff, and management, architects face significant challenges in designing healthcare facilities that fulfil such diverse needs. Furthermore, these requirements and issues evolve throughout time. As a result, collaboration between academics, designers, and healthcare facility management is required. Practical difficulties cannot be handled solely by study, but the findings should be properly implemented to healthcare projects. We invited some senior experts from various backgrounds to contribute a series of papers on topics such as the relationships between physical setting and operation model, as well as between physical environment and behaviour, the application of evidence-based design (EBD), and the use of digital tools in healthcare facility design, in order to promote academic exchanges. A case study of Evergreen Retirement Community in Oshkosh details the conception and implementation process of the neighbourhood model for skilled nursing institutions during the past 46 years [1].

The goal of this concept is to establish a modest residential living setting that provides people with the things they associate with "home." The argument was also examined in length because the c, organisation, staff, and operations of skilled nursing institutions adopting the neighbourhood model differ greatly from those of hospital-like nursing homes. The current document can be used as a guide when designing and building new long-term care facilities. EBD has sparked interest in the design of healthcare facilities. Based on the analysis results of the entrants to a recent US completion suggested a two-stage healthcare facility concept. Environmental and behavioural studies have always piqued people's curiosity in healthcare design. Investigating the connections between surrounding outdoor spaces, the elderly's physical activities and the environment Physical activity levels that are higher are determined to be beneficial. Transitional regions, connecting walkways, walkability, and less paving are all related to environmental aspects. This panel's authors and reviewers deserve our gratitude. Furthermore, increased contributions to research on healthcare facilities are expected, particularly from scholars from underdeveloped nations [2].

As a result, we greatly anticipate the journal *Frontiers of Architectural Research* being an academic platform for discussion and collaboration in the field of healthcare facility research and design. a case study in which the

*\*Address for Correspondence: Peter Marck, Department of Architecture and Design, Leiden University, Netherlands, E-mail: marckpeter@lumc.nl.*

**Copyright:** © 2022 Marck P, This is an open-access article distributed under the terms of the Creative Commons Attribution License, which permits unrestricted use, distribution, and reproduction in any medium, provided the original author and source are credited.

**Received:** 04 February, 2022, Manuscript No. jssc-22-63222; **Editor assigned:** 05 February, 2022, Pre QC No. P-63222; **Reviewed:** 21 February, 2022, QC No. Q-63222; **Revised:** 26 February, 2022, Manuscript No. R-63222; **Published:** 28 February, 2022, DOI: 10.37421/2472-0437.2022.08.119

Emergency Department was designed using both discrete event simulation (DES) and space syntax analysis (SSA) (ED). This case study highlights how digital tools like DES and SSA may help designers create high-performing healthcare facilities. Despite existing research on HIS post-implementation issues, much more needs to be learned about how IS interacts with multiple, interconnected, diverse, and mutually dependent contextual elements, and how these interactions may cause post-implementation issues [3]. As a result, our research employs AT, namely the concept of contradictions within activity systems, which has yet to be completely investigated. AT considers collective activities aimed at achieving desired results to be carried out in systems containing a variety of complexly interacting and often contradicting aspects. These are known as activity systems. AT goes on to say that the functionality of an activity system, and hence its ability to produce desired outcomes, is reliant on the interactions of several parts, of which the IS is only one [4,5].

## Acknowledgement

We thank the anonymous reviewers for their constructive criticisms of the manuscript. The support from ROMA (Research Optimization and recovery in the Manufacturing industry), of the Research Council of Norway is highly appreciated by the authors.

## Conflict of Interest

The Author declares there is no conflict of interest associated with this manuscript.

## References

1. Izquierdo, Joaquín, Idel Montalvo, and Rafael Pérez-García. "A multi-agent framework for an IEDSS in urbanwater management." *J Steel Struct Constr* 8 (2022):1123-1134.
2. Lami, Youness, Laurent Lefevre, Andre Lagreze, and Denis Genon-Catalot. "A Bayesian approach for fault diagnosis in an irrigation canal." *J Steel Struct Constr* 8 (2022): 45-56.
3. Aken, H. Linda, Sean P. Clarke, and Douglas M. Sloane, "hospital staffing, organization, and quality of care: Cross-national findings." *J Steel Struct Constr* 8(2022): 5-14.
4. Horling, Bryan, Victor Lesser, Régis Vincent, and Ana Bazzan, et al. "Diagnosis as an integral part of multi-agent adaptability." *J Steel Struct Constr* 8 (2022): 2153-2161.
5. Nabais, Joao Lemos, Luis F.Mendonça Miguel and AyalaBottoc. "A multi-agent architecture for diagnosing simultaneous faults along water canals." *J Steel Struct Constr* 8 (2022): 92-106.

**How to cite this article:** Marck, Peter. "A Healthcare Facility is known to be Full of Complexity and Contradiction." *J Steel Struct Constr* 8 (2022): 119.