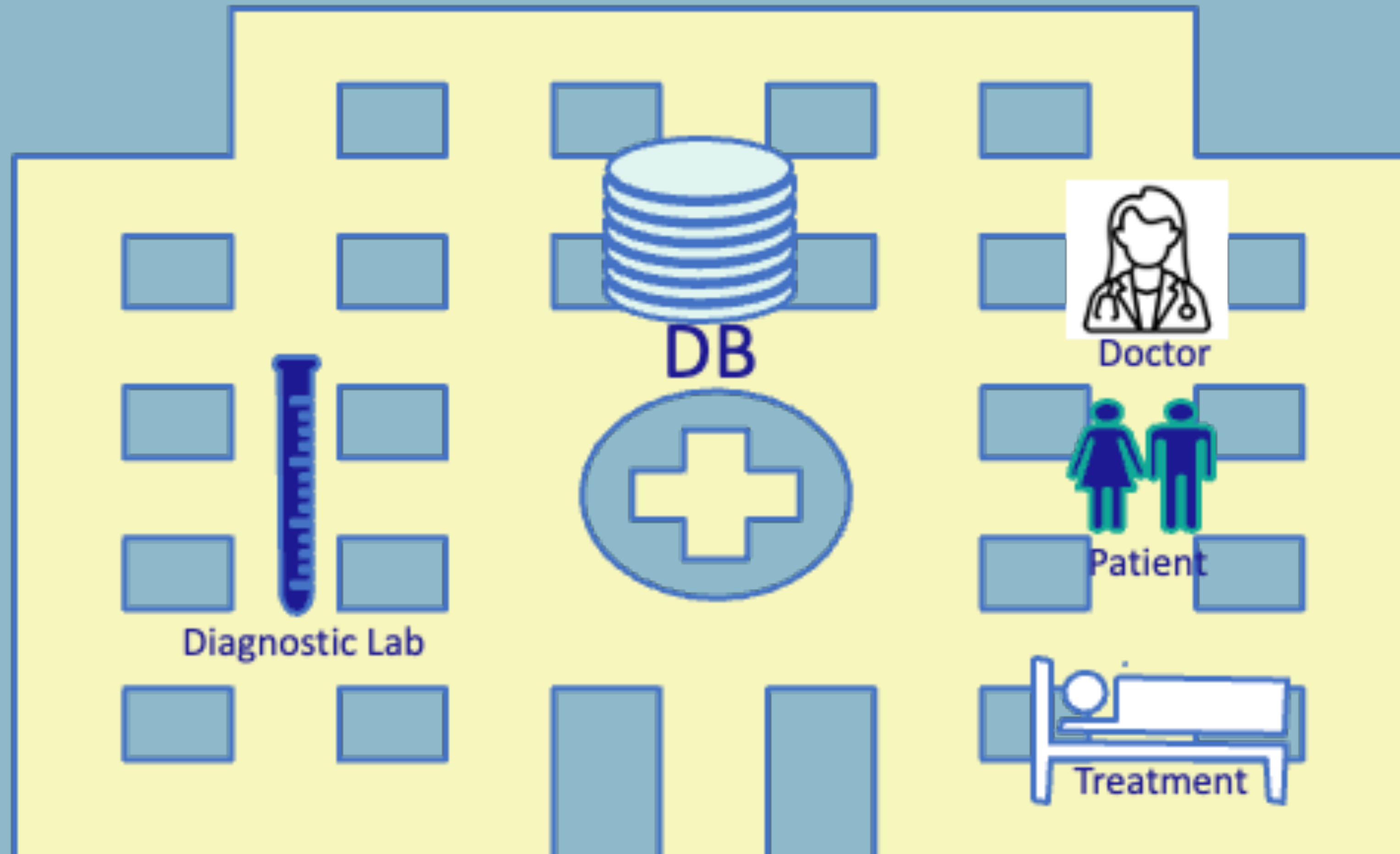# Distributed Ledger Technologies for Distributed Healthcare Systems
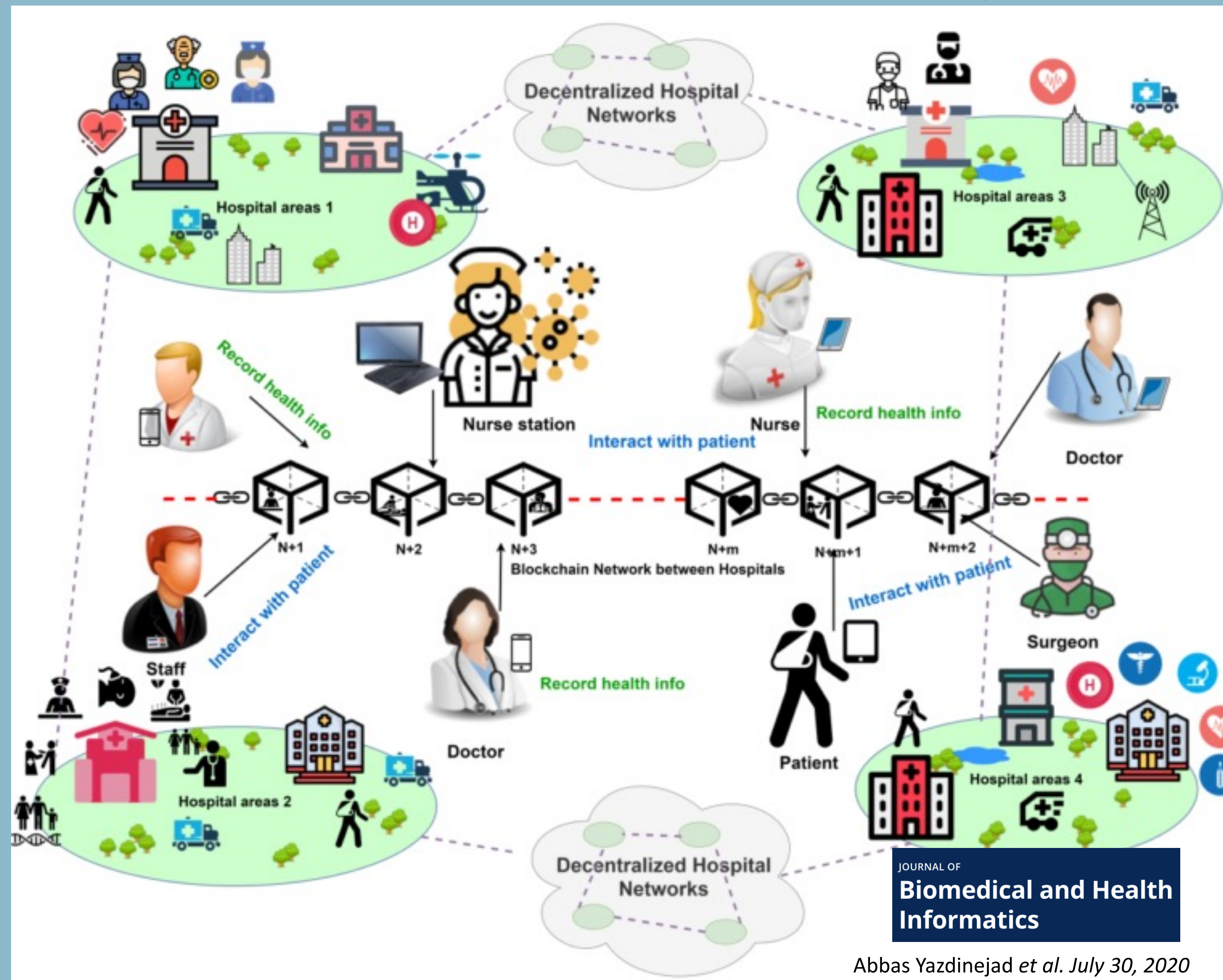
June 26th, 2023

DBC Conference

Traditional Healthcare: co-location of doctor, patient, diagnostic procedures and data

Towards Distributed Healthcare Systems with huge amount of datasets

- worldwide broadband internet access

- wireless connectivity

- wearable sensors

- automated machine-machine interaction

- smart mobile devices

- consumer wearables

- personalized medicine

- molecular profiling

- -omics integration

- bioinformatics

- big data/meta analysis

- AI

Abbas Yazdinejad *et al.* July 30, 2020

Non-technological Drivers Towards Distributed Healthcare

- Fewer hospitals - Healthcare at a distance > 50% of care outside hospitals in 2030;

- European Health Data Space (EHDS) in 2025. "E*mpower people to control and utilize their health data" & "enables the EU to make full use of the potential offered by a safe and secure exchange, use and reuse of health data";*

- Introduction of Persoonlijke Gezondsheidsomgeving (PGO's) in the Netherlands;

- A desired shift from action-based payment models to performance-based payment models;

- Staff shortages in Healthcare + a significant need to reduce administrative burden;

- Cost reductions are essential.