Rigorous Visualization of Processes for Hospitals

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problem
proposed solution

- let planner see effects of processes in early stage

↔ simulation, planning, visualization
↔ process optimization
finding a visualization

Taxonomy on Vis (VDI 3633/11)
Visualization Design Systematics (Lange et al. 2006)

ACM SIGCHI
PED
IEEE VIS
considerations on...

• data gathering for visualization
• previous work
• spatial zooming
• temporal zooming
• design
data gathering

• gather process points with attached data from medical personnel
• easy to comprehend
• easy to use
previous work

New Methods for the Visualization of Electric Power System Information (Overbye and Weber 00)

↔ focus+context, semantic zooming
spatial zooming

reveals information
preserves overall structure

↔ focus+context, semantic zooming
temporal zooming

- visualization shall accumulate paths
  → individuality vanishes as time gets denser

outtakes from koyaanisquatsi (coppola, 1983)
• graphic design evolves in spiral process,
• quality through iterations
• customer (hospital) in mind
Rigorous Visualization of Processes for Hospitals

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