

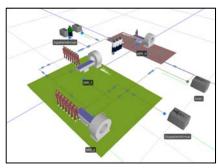
MRI & VIR MODELS - METHOD

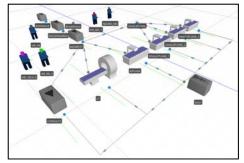


SOLVING THE OBJECTIVES FOR MRI & VIR OPERATIONS

- For MRI operations, what can be done to specifically increase the capacity for inpatient volume?
- What do we know about utilization of each operating room and staff resources in VIR?

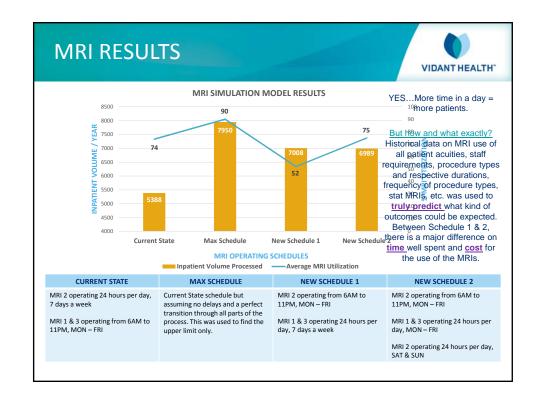
Producing the answers for Leadership to make the appropriate decisions for their investments!

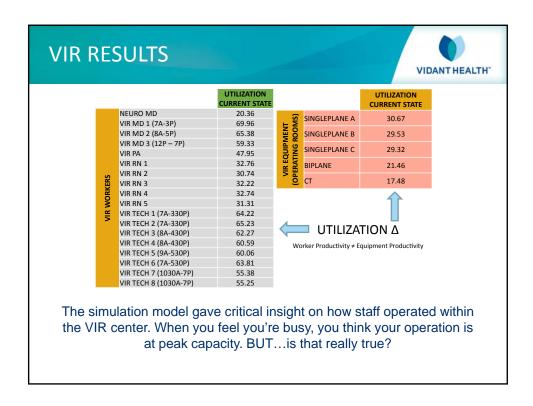




MRI Simulation Model Design

VIR Simulation Model Design





CONCLUSION



Value of Simulation

- Supported the decision making process with quantitative descriptive analytics
- Illustrated the correlation between MRI/VIR utilization, capacity and clinical resources
- Validated the ROI of additional staff needed to support potential volume increases
- Leveraged simulation to dispel myths, support opinions and show relationships between operational processes and outcomes
- Expanded professional development of key stakeholders through active participation in the design and testing of key outcomes

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