PRO (PROSPECTIVE, REAL-TIME, OPERATIONS) OR TOOL

UNIVERSITY OF UTAH HOSPITAL
OUTPATIENT SURGICAL LEADERSHIP TEAM (OSLT)
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INTRODUCTION

- High Healthcare Costs Continue to Increase

- Health Systems are Pushed to Be More Efficient

- Perioperative Environment = High Revenue & High Cost

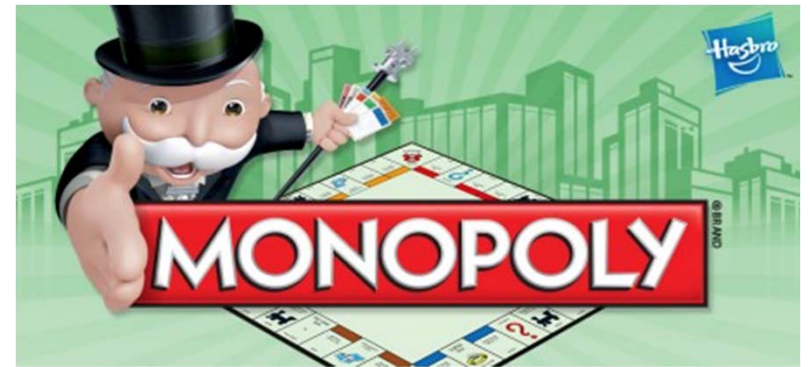- Efficiently Managed Resources = Profit Maximization

PRO OR TOOL – GOALS?

Efficiently utilize capital & human resources within the perioperative environment
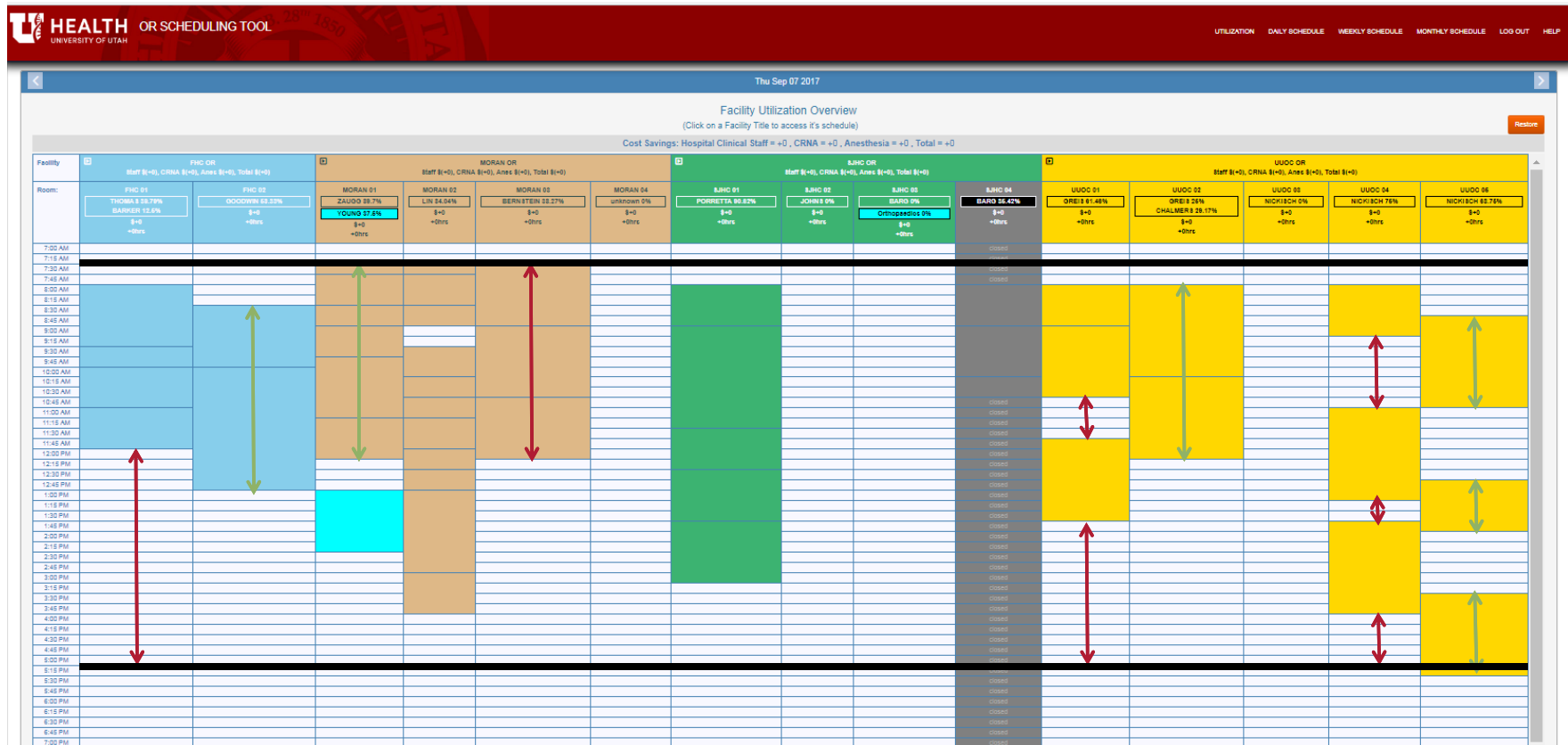
Our Vision

- A Graphical User Interface Using Real-Time Representation of Surgical Case Schedules that Allows:
  - Hypotheses Testing
  - User Tracking
  - Macro Building
  - Machine Learning

PRO OR TOOL – WHAT IS IT PRESENTLY?

PRO OR TOOL – HOW DOES IT WORK

PRO OR TOOL – HOW DOES IT WORK

WHERE YOU ALL CAN HELP

- Develop <u>Optimizing Algorithms</u> ("easy buttons")

- Enhance & Optimize Current <u>User Interface</u>

- Engineer Solutions to Integrating <u>Real-Time</u> Data from <u>Multiple Databases</u>

- Introduce <u>Machine Learning</u> Possibilities