

Allscripts Surgical Planning

Predictive Analytics for Operational Efficiency

Operating room utilization is a key efficiency indicator for hospitals. Unfortunately most perioperative managers lack timely and reliable access to this data, making it difficult to optimally manage block allocation and utilization.

Allscripts Surgical Planning provides powerful and timely insight into block utilization at any desired level of granularity, and makes it easy to create a consistent and shared framework for accountability regarding efficient use of expensive operating room resources.

Allscripts Surgical Planning is part of the Allscripts Predictive Analytics suite, powered by Hospital IQ's cloud-based predictive analytics platform. Hospital IQ's data-driven solutions empower hospital leaders to optimize efficiency by systematically aligning resources – such as staff, operating rooms and inpatient beds – with actual and predicted patient flow. Other modules include Staff Planning, Capacity Planning, Census Forecasting and Elective Smoothing.

SEE OPPORTUNITIES BASED ON EXISTING DATA

The Surgical Planning module's block utilization metrics make it easy to identify mismatches between block allocation and utilization, simplifying the process of determining whether to increase or decrease block time for a given surgeon or service.

SUPPORT A SUSTAINABLE WORKFLOW TO MANAGE BLOCKS EFFICIENTLY

Rather than managing block schedules using spreadsheets or other methods that are often inconsistent across services, surgical managers can use a single platform that measures and reports utilization quickly and consistently.

GET UNPRECEDENTED UTILIZATION INSIGHTS

The surgical planning module enables users to quickly view utilization including service, surgeon, block and individual cases. This can be done both retrospectively to examine recent or historical performance and/or prospectively to identify future block time at risk of going unutilized and take appropriate action.

SHARE INTERACTIVE DRILLDOWN REPORTS

Every report in the Surgical Planning module can be exported with the click of the button, making it easy to disseminate utilization data to relevant stakeholders and create a shared accountability framework.

PREDICT THE FUTURE

Allscripts Surgical Planning uses historical block-filling patterns and future case scheduling data to predict the likelihood that block time will be utilized, and it generates alerts to help managers identify block time at risk of going to waste and take appropriate action. This helps proactively optimize block utilization.

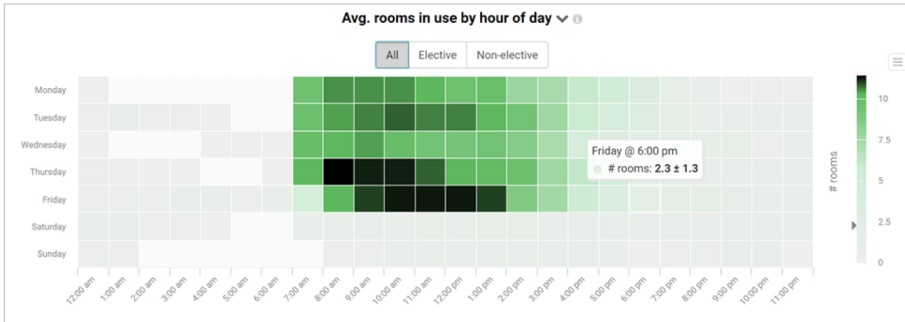
Predictive Analytics Modules

- Surgical Planning
- Staff Planning
- Capacity Planning
- Census Forecasting
- Elective Smoothing

Overview

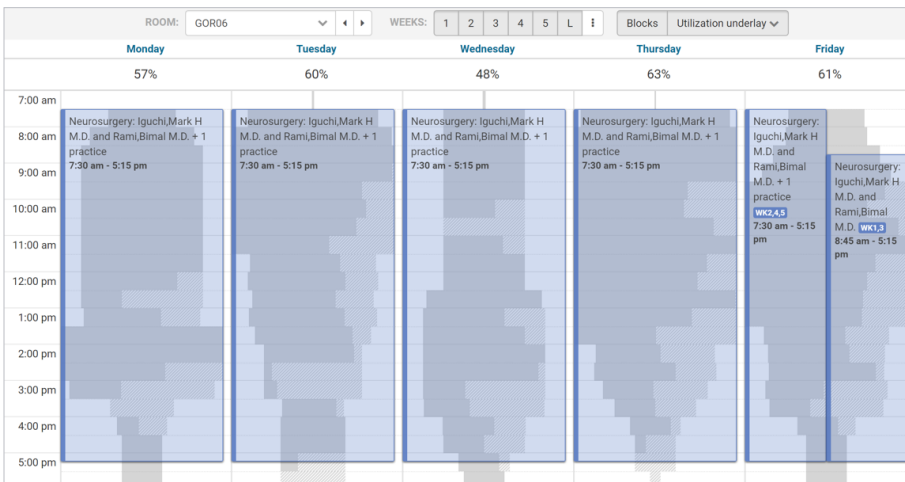
- Quickly quantifies historical and future block utilization for entire surgical services, individual surgeons or "open" blocks
- Ensures consistency between organization-level block allocation and individual service sub-allocations
- Generates a single-click report in calendar view, illustrating daily performance for every individual block within a service, including the surgeons assigned to each block
- Provides a consistent framework for performance measurement and accountability

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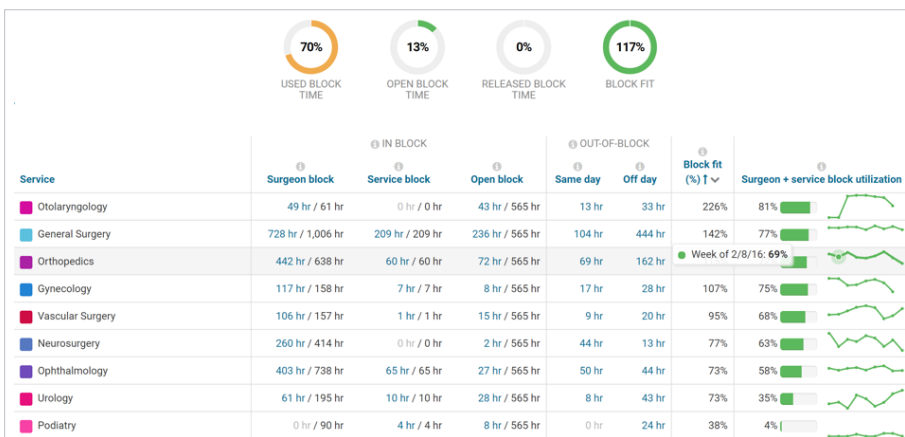
OR Heat Map

Provides detailed OR utilization metrics



Room-Based Schedule Editor

Permits block editing for what-if analysis while providing an underlay of contextual statistics, including utilization by room and hour of day



Block Utilization Report

Calculates utilization, turnover time, and other metrics at multiple levels of granularity