



HIVEWORX



### DAILY REPORT SCHEDULE

PATIENT NAME	TIME	7:00	11:00	3:00	7:00	9:00	11:00	3:00	7:00	9:00	11:00	3:00	7:00	9:00	11:00
BP															
HR															
SpO2															
TEMP															
GLUCOSE															
PAIN															
PRN IV MEDS															
Checks															
MSO CHECKS															

#### PATIENT MEDICATION SCHEDULE

PATIENT TIME	07:00	09:00	11:00	13:00	15:00	17:00	19:00

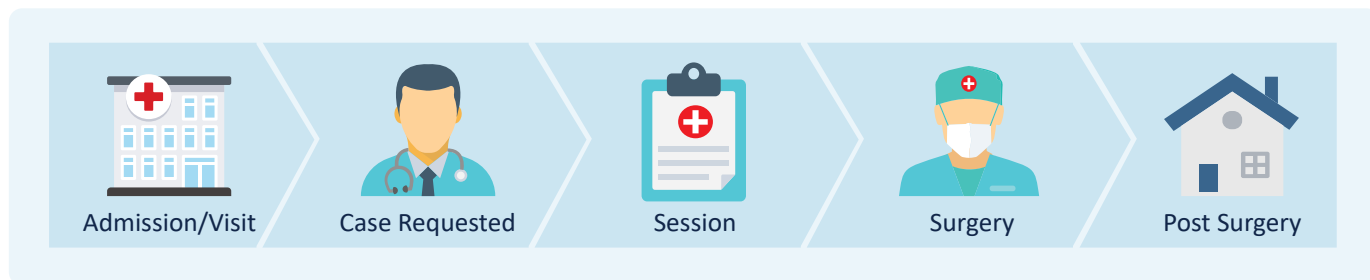
**Hive-HOTA**  
Hive Operating Theatre Analytics  
a Product of HiveWorx Limited



# Hive Operating Theatre Analytics (Hive-OTA)

**User friendly, Cost effective, Dynamic and Comprehensive Operating Theatre Analytics!**

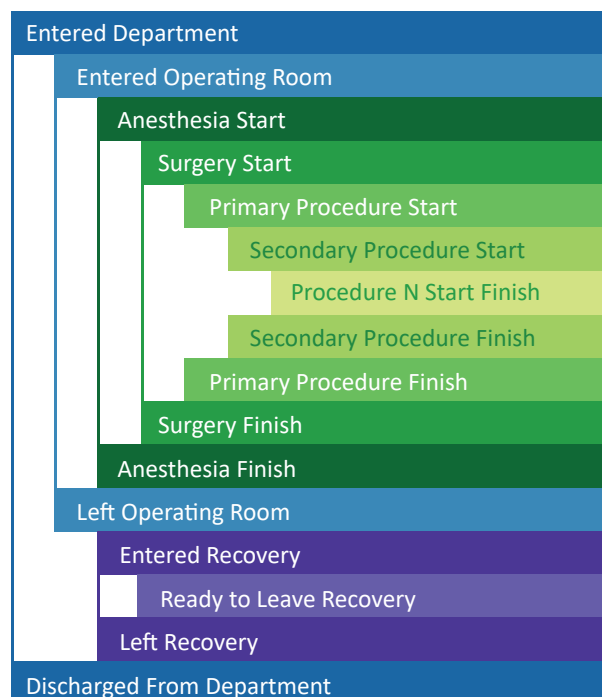
HiveOTA is a module of our flagship product Hive Healthcare Insight (Hive-HCI) which is an Out-of-the-Box toolkit covering all business functions of a healthcare enterprise. It offers an Enterprise Analytics Platform that provides powerful analytics and deep insight into healthcare data enabling healthcare enterprises in improving patient care while reducing costs.



## HiveOTA at a Glance

Hive Operating Theatre Analytics allows clinical and operational teams within hospitals to focus on making informed decisions on improving quality, efficiency and utilisation within operating rooms. The solution provides insight on historical performance and the current state of play within each of the operating rooms all while refreshing on a near real time or daily basis. The solution capitalizes powers of Data Lake and traditional data warehouse to provide flawless, reliable and in-time analytics. Some of the key features of HiveOTA are as follows:

- Out of the Box
- Quick Implementation
- Quick Change Management
- Technology Agnostic
- Pre Built Data Lake
- Centralised Data Repository
- Real Time Analysis
- Prediction and Trend Analysis
- Improved Data Quality
- Pre Built Models
- End to End Governance



**Figure:** Key Touchpoints covered by HiveOTA

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# Hive Operating Theatre Analytics (Hive-OTA)

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## Benefit of HiveOTA

- Improved Theatre Utilisation and Efficiency
- Reduced Patient Wait times
- Improved overall Patient Satisfaction and Quality of Care
- Surgery Time Optimization
- Consultant Performance
- Ability to Detect Bottlenecks
- Average Length of Stay Prediction
- High risk Patient Identification
- Post-Operative Prediction
- Surgery Cancellation Reason Analysis



Improve Decision  
Quality



Improved  
Planning



Cost Saving



Patient Care



Patient  
Satisfactions

## Operating Theatre KPIs

HiveOTA provides on a wide spectrum of analytics; from theater utilization management to staff performance monitoring. Some of the Key Performance Indicators (KPIs) are as follows:

- Theatre Utilisation
- Booked versus Actual Time
- Total Surgeries
- Finishing On Time – Underruns
- Finishing On Time – Overruns
- On Day Cancellations of Planned Cases
- Planned Surgery Long Wait Patients
- Unplanned Session Closures
- Out of Session Emergency Case Time
- Length Of Stay Outliers
- Average Late Start Minutes
- Bed Management
- Knife to skin to closure
- Post Surgery Delays
- Delay Between Anesthesia And OR
- Anesthetic to recovery times
- Delay In Anesthesia
- Time Spent In Turnaround
- Time Spent In Recovery
- Average Waiting Time For Operation
- Average Changeover Time
- Incomplete Lists
- Net Additions To Waiting List
- List Hours Utilization

**Note:** All KPIs can be analysed by Hospital, Ward, Consultant etc.

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**HIVEWORX**  
INNOVATION | AGILITY | VALUE

## About HiveWorx

HiveWorx is a technology innovation house with proven expertise in niche product development and services. Our dynamic solutions provide our customers with meaningful and valuable insight into their data, enabling their workforce to make better and informed decisions. HiveWorx' innovative solutions are powered by robust, agile, scalable and flexible frameworks, governance processes, methodologies and technologies. We aspire to deliver tangible value by building sustainable technology solutions that enable our customers to achieve their goals and objectives.

HiveWorx has a global presence through an extended partner network in Europe, Middle East, Africa and Asia.

We look forward to helping you with your Technology needs!

### Contact HiveWorx

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