ICU Advisor™

Gaining Insight Into Critical Care Patients With Analytics

While analytics can be used to improve all kinds of hospital operations, the intensive care unit comes with its own set of challenging factors. The acuity of the patients, the types of resources needed, and the amount of staffing are all complexities unique to the ICU. In order to improve care, reduce costs, and increase efficiency in the ICU, hospitals need to be able to break down the information that is specific to that department.

Dimensional Insight's ICU Advisor:

- Compiles information from a wide variety of sources and organizes it to highlight ICU-specific challenges and opportunities alike.
- Comes with a set of pre-defined measures created specifically for the ICU—and designed to work with the hospital KPIs available in Dimensional Insight's Hospital Operations application.

- Provides customizable dashboards to display key metrics including daily arrival volumes, origination of arrivals, returns, and charges.
- Allows for the customized visualization of up-to-the-minute data.

ICU Advisor is an important part of an enterprise-wide view of improvement initiatives to ensure optimal overall results. It integrates data from the intensive care unit with information from Dimensional Insight's extensive family of healthcare applications.

Built-In Measures Based On Industry Standards

ICU Advisor comes with more than 60 measures, including ICU-specific variations on Hospital Operations measures.

Quality
- ICU Return—48 Hrs**
- ICU Return Rate—48 Hrs
- ICU Returns
- CLABSI Infections
- Central Line Days
- CLABSIs per 1000 CL Days
- Catheter Days
- CAUTIs per 1000 Cath Days
- ICU Mortality Observed
- ICU Mortality Index

Respiratory Therapy
- Total Respiratory Therapy
- Respiratory Therapy—ABG
- Respiratory Therapy All Other

Miscellaneous
- 1st Day+Interim Chrgs/Discharge
- 1st Day+Interim Chrgs/ICU Day
- 1st Day+Interim Costs/ICU Day
- ICU Laboratory Direct Costs
- ICU Mortality Observed Net
- ICU Mortality Rate Expected %
- ICU Mortality Rate Observed %
- ICU Predicted Encounters
- ICU Ventilator Days
- Interim Charges/Discharge
- % ICU Predicated Accounts
- % Ventilated-ICU Accounts
- Total Lab Cost per ICU Charge Day
- Ventilated Accounts
- Ventilator Days

Lab*
- Blood Transfusion
- Microbiology—Cultures
- Select Chemistry Tests
- Chemistry—Cardiac Markers
- Hematology—CBC
- Hematology—Coag
- Lab—All Other

Pharmacy*
- Antiarrhythmic Agents
- Anticoagulant Agents
- Antihypertensive Agents
- Anticonvulsant Agents
- Antimicrobial Agents
- Diuretics
- Gastric Acid Suppression
- Insulin
- Sedatives
- Vasopressors/Inotropes
- Pharmacy—All Other

Imaging*
- Total Imaging
- Chest X-ray
- Radiology—All Other
- CT Chest
- CTA Chest
- CT Abdomen & Pelvis
- CT—All Other
- Ultrasound Abdomen
- Ultrasound—All Other
- MRI Brain
- MRI—All Other

Utilization
- Total ICU Charges
- Total ICU Costs
- ICU Charge Days
- ICU Average Charge Days
- ICU Direct Costs/ICU Day
- ICU Charge/ICU Day
- Overall Costs per ICU Discharge
- Overall Charges per ICU Discharge
- ICU Interim Direct Cost per Discharge
- ICU Charges per Discharge
- ICU Pharmacy Charges
- ICU Pharmacy Direct Costs
- ICU Imaging Charges
- ICU Imaging Direct Costs

Volumes
- Adm w ICU Episode
- ICU Arrivals
- ICU Episodes
- ICU Departures
- DC with ICU Episode
- ICU Surgical Discharges
- ICU Arrivals from ED**

Key Indicators
- ICU Episode ALOS Hours
- ICU ALOS Observed**
- Overall ICU Hosp ALOS
- ICU Ventilated Accounts
- ICU Lab-Blood Transfusion Charges
- Avg ICU Ventilator Days**
- Overall ICU All Payor CMI
- Avg Apache II Score

* per day charge

** including ICU-specific variations on Hospital Operations measures

Key Features

- ICU-specific Measure Dictionary
- Customizable dashboard
- Customizable visualizations

Key Benefits

- Ability to measure day-to-day trends
- Ability to compare performance to previous months and years
- Designed to work with hospital KPIs available in Hospital Operations

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Consulting & Customer Support

Dimensional Insight's professional services team offers an array of services that span the entire project lifecycle— from needs assessment to system maintenance. Our consultants employ best-in-class project delivery practices to design, implement, and customize your Dimensinal Insight deployment. Our consultants draw on their extensive knowledge of healthcare to deliver optimal results, faster implementations, and cost savings for our clients. We partner with each of our customers to ensure rapid implementation of all BI project initiatives. Our #1 objective is to provide the expertise and process knowledge to maximize return-on-investment and minimize risk.

Training Options

Dimensional Insight training helps users, developers, and IS/IT staff fully understand and benefit from the power of Dimensional Insoght software. Courses are delivered on-site at customer organizations or online. Courses can be customized to meet specific needs and organizational challenges.

Dimensional Insight is a Complete BI Platform

Every implementation includes the installation of all back-end server and production components. There are no hidden costs or expensive third-party tools required to deploy additional features. Users access data through a number of interface options depending on their specific information-viewing and analysis needs.

SEE OUR CUSTOMER RATINGS IN ANALYST RESEARCH

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