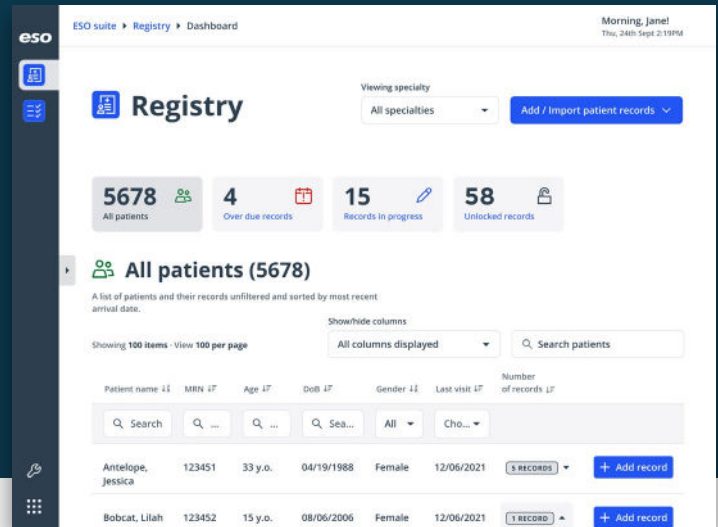# PATIENT REGISTRY

eso

ESO Patient Registry is a next-generation software as a service (SaaS) clinical disease registry that simplifies the collection and processing of trauma patient data, empowering service line leaders to focus on driving insights to help improve quality of care.

Made for :

HOSPITAL

BUILT-IN DATA VALIDATION

Our integrated data validation ensures the highest-quality registry data. See live validation scores and data quality checks for regional, state, NTDB, and TQIP data submission simultaneously with each completed registry record. Say goodbye to the Vendor Aggregator for data validation.

STATE AND NATIONAL COMPLIANCE

Maintain concurrent state and national compliance. Support for biannual ICD-10-CM and ICD-10-PCS updates ensures the most accurate codes are always available. And users can incorporate the most current version of the Abbreviated Injury Scale (AIS) coding based on state and regional compliance.

PERFORMANCE IMPROVEMENT AND PATIENT SAFETY

Integrated performance improvement offers dynamic configurable hospital event tracking so trauma program leaders can monitor their program's performance against local and regional Performance Improvement and Patient Safety (PIPS) initiatives.

PROGRESSIVE DATA INTEROPERABILITY

Registry data interoperability connects seamlessly to hospital and EMS systems using FHIR and HDE standards, integrating all data sources into one patient registry and helping save time, minimize the cost of interoperability, and establish a foundation that supports future development and innovation.

STREAMLINED WORKFLOWS

Our registry is user-friendly, eliminating the need to use multiple systems or solutions to exchange data with local, state, or national collaboratives. Registry professionals can focus on a patient-centric data collection workflow.

SELF-SERVICE CONFIGURATION

Organizations are in total control. Configure and add new user-defined data points, make quick adjustments to configurable elements, and manage user access without relying on ESO Support to facilitate changes.

Learn more about ESO at eso.com or call us today at 866-766-9471.

USE ESO INSIGHTS FOR REAL-TIME REPORTING.

Use ESO Insights to:

Design reports and dashboards

Calculate custom metrics

Establish threshold alerts

With ESO Insights, trauma programs can easily compare performance with national risk-adjusted benchmarks from TQIP, NTDB, and other national or state-specific quality collaboratives and accrediting bodies

WHY SaaS?

Software as a Service (SaaS) is a way of delivering a software product over the internet, eliminating the need for initial installation and downtime when updates and patches are deployed. SaaS products also do not require expensive hardware like servers and associated maintenance.

Our SaaS technology is housed in a secure, SOC 2-compliant environment. Automatically deployed patches and data dictionary updates ensure programs are always using the most up-to-date software while experiencing minimal downtime. And data are stored securely in a virtual environment, eliminating the need for costly servers that require maintenance. The only thing needed to use the software is an HTML5-compliant browser and an internet connection.

On-Site (Current State) ➔ **SaaS** (Future State)

On-Site (Current State)	SaaS (Future State)
⊗ Expensive hardware	✓ Easy installation
⊗ Periodic downtime	✓ Minimal downtime
⊗ Time-consuming installation and updates	✓ Auto-deployed patches and updates
⊗ Ongoing maintenance	✓ Secure virtual environment

Computer   Servers   Network   Backup Storage   Database

Computer   Internet

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