

saegis

A MEMBER OF THE CMPA FAMILY



SafeOR™

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SafeOR is a quality initiative designed to advance the safety, culture and efficiency within Canadian operating rooms. The program provides the tools needed to leverage the data and deep analytics of the OR Black Box® platform. These learnings inform customized and evidence-based education and solutions for operating room teams. SafeOR supports a collaborative interdisciplinary learning environment that contributes to a culture of safety.

A Team Approach

Saegis recognizes the critical role of teamwork and communication within the operating room (OR), and designed SafeOR to engage all interdisciplinary OR team members. The SafeOR program aims to drive improvement by making the OR environment more transparent, collaborative and supportive for all team members.

Advancing Surgical Safety

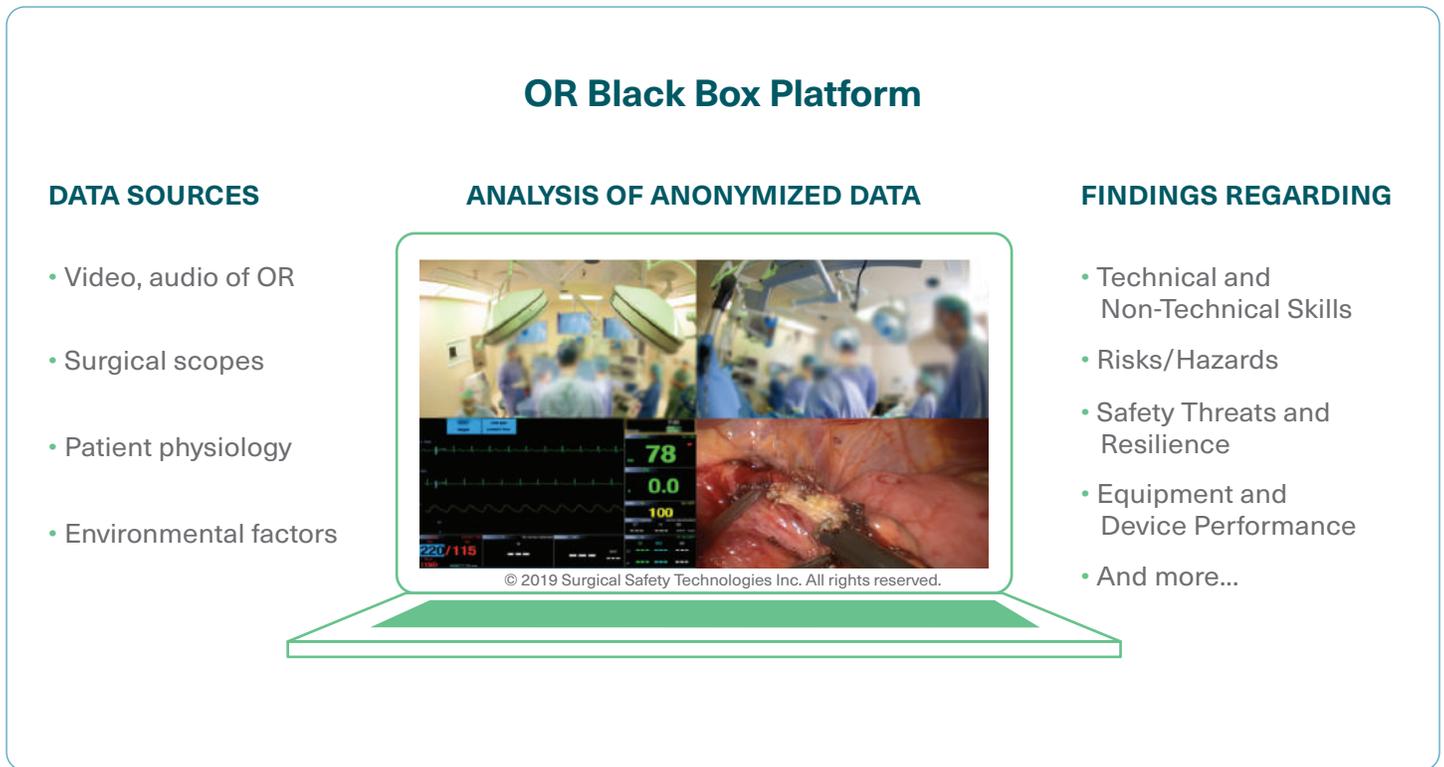
Our goal is to bring SafeOR to hospitals across Canada and advance patient safety for all surgical patients.

The SafeOR Story

Saegis and Surgical Safety Technologies (SST) partnered in 2017 with the shared goal of improving surgical safety across Canada. Developed by clinicians, SafeOR combines front-line experience with the science of human factors theory and the power of innovative technology. The resulting SafeOR program leverages the data and deep analytics of the OR Black Box platform. Its approach is interdisciplinary, and it supports tailored, sustainable solutions.

The Technology

In 2014, Toronto surgeon Dr. Teodor Grantcharov, inspired to address surgical safety, brought together an interdisciplinary team to design the OR Black Box platform. This multi-source integrated platform captures and synchronizes comprehensive intra-operative data with the goal of improving patient safety.



From Data to Insights

Surgical procedure data is collected and then analyzed by highly trained analysts with clinical backgrounds. Data is packaged in reports, visualizations and presentations and is accessible through a secure online portal. Analysis assesses a range of critical areas including:



Privacy and Security are Paramount

The data files collected by the OR Black Box platform are encrypted and transmitted over a secure socket connection from the hospital to SST.

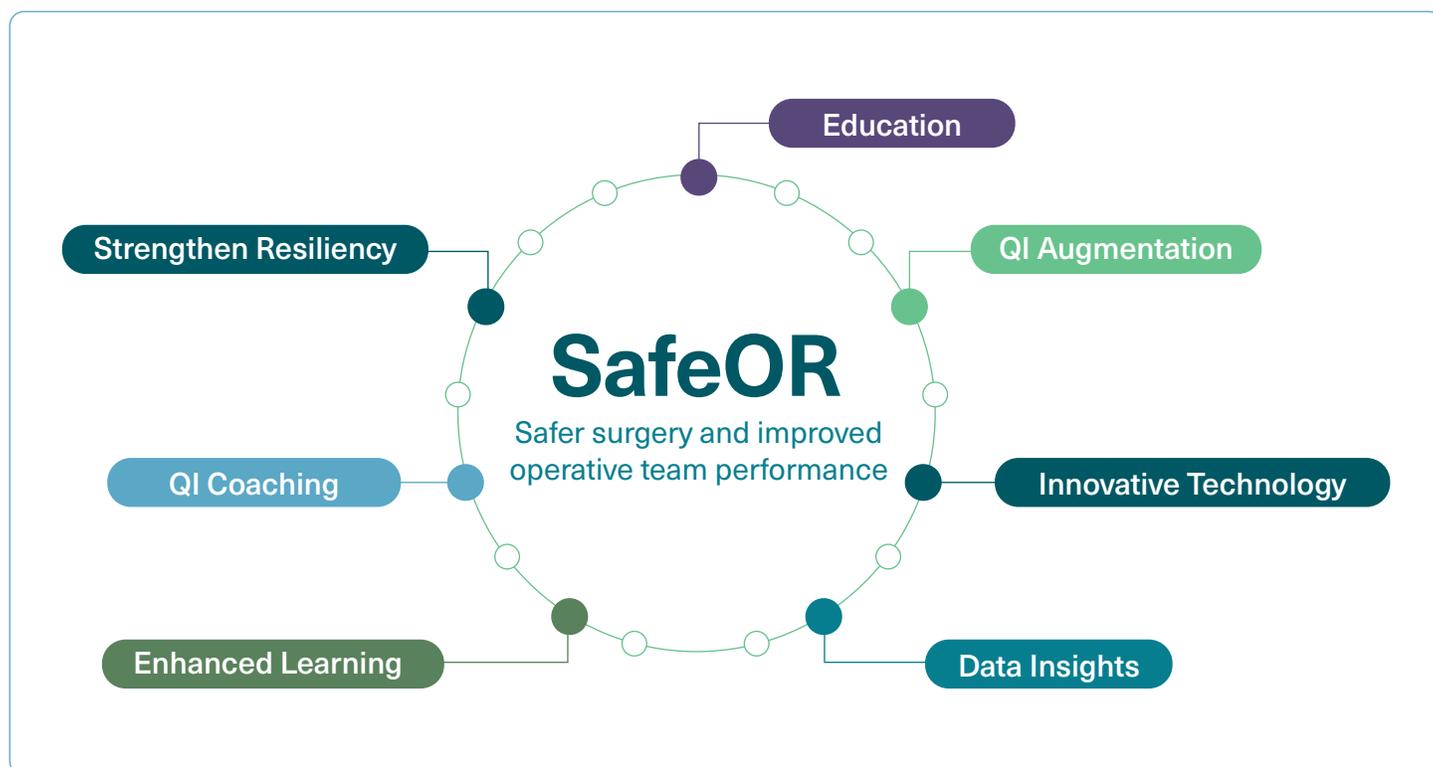
The data collected from procedures are not attributed to an individual patient or OR team and reports are based on anonymous data.

The Success Factors

To drive improvement, data must be put into action. SafeOR enables knowledge mobilization through its engagement of relevant stakeholders, meaningful use of data, involvement of frontline users, and attention to the unique needs of each institution. Saegis works closely with the hospital to ensure SafeOR results in significant, lasting improvements to surgical safety.

Structured Planning & Socialization Ensures Full Team Engagement

Saegis facilitates planning meetings, a baseline safety assessment survey, orientation sessions for team members and internal communications – all to ensure a solid foundation for program implementation.



Sustainable Results Through Application and Intervention

Based on OR Black Box findings and with the support of Saegis, key learnings and priority issues are identified. SafeOR provides education, coaching and other customized interventions to enable the application of learnings and to support the hospital in transforming the safety, culture and efficiency of their ORs for the long term.

SafeOR™ Benefits

SafeOR is offered on-site at Canadian hospitals. It is an educational and risk mitigation program designed to generate lasting improvements to the safety, efficiency and culture of hospital operating rooms. The program provides the tools needed to leverage intra-operative data and insights from the OR Black Box platform, supporting hospitals in delivering customized and evidence-based education and solutions for operating room (OR) teams.

Foster a strong culture of safety and respect



#1
Planning & Socialization



#2
Leading Edge Technology

Support effective OR team collaboration



#3
Data & Insights



#4
Education & Solutions Generation





Saegis is a wholly-owned subsidiary of the Canadian Medical Protective Association (CMPA). We deliver specialized and in-depth professional development for physicians and healthcare professionals, safety programs for institutions, and practice management solutions for physicians and team-based practices. Saegis solutions are designed to contribute to a safe and sustainable healthcare system nationwide.



Surgical Safety Technologies (SST) is a Toronto-based organization that specializes in the assessment of surgical performance. Founded by general surgeon Dr. Teodor Grantcharov and rooted in over 15 years of academic research in the fields of surgical safety and medical education, SST engineered the OR Black Box platform to collect and analyze intraoperative information.



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