

April 2019

Relias Clinical Solutions

Transforming the way doctors and nurses learn

Relias Clinical Solutions are a suite of assessment-driven education and analytics platforms that are transforming how doctors and nurses learn through the power of data and evidence-based adult learning principles

Benefits of personalised learning

Our innovative platform delivers individualized and prioritised content to clinicians to learn when they want, where they want, and only what they need.

Reduce Variation in Care: Gain insight into competency levels for individuals and teams to identify areas that need improvement and deliver targeted education.

- **Mitigate Risk:** Close competency gaps by identifying and addressing areas of variation, resulting in increased patient safety and prevention of HACs.
- **Increase Engagement:** Respect established proficiency and educate only on what the clinician needs to know to increase engagement.
- **Improve Communication:** Minimise misunderstandings and errors by ensuring that teams are using commonly-understood protocols and language.

Addressing high risk in four key areas

The suite comprises the following solutions, which can be adopted as stand-alone solutions or in combination:

- Relias OB
- Relias Sepsis
- Relias A&E
- Relias HCAI

How does it work?



- **Comprehensive assessment:** A comprehensive assessment provides insight into clinicians' mastery of knowledge and judgment, benchmarking individual scores and quantifying team variation.
- **Tailored learning plans:** The solutions deliver personalised learning plans, excluding content clinicians have mastered, marked by red – required, yellow – recommended, and green – optional.
- **Engaging advanced content:** Developed by medical experts, modules are delivered in easy-to-absorb, 2-8 minute segments, including videos, case studies, and interactive 3D animations with text. [Click here](#) to view example of 3D animations.
- **Clinical Pearls:** Clinical Pearls expand on a 'pearl of wisdom' to strengthen fundamental clinical knowledge, presented in real-life case scenarios.
- **Real-time analytics:** The solutions provide data to identify and invest in areas of training that improve quality of care, increase patient safety, and reduce the risks of adverse events.

Relias OB – improving obstetrical safety

Many maternity incidents can be attributed to issues in proficiency and team communication, and could be avoided with targeted and timely training, education and analytics. Relias OB is a comprehensive programme designed to improve quality and patient safety in five high-acuity obstetrical areas:

1. **Fetal assessment and monitoring:** A tracing-centred approach teaches concepts such as anatomy, physiology, pattern identification, NICHD nomenclature, FHR components, patterns and interventions.
2. **Shoulder dystocia:** A team-based model covers how to manage various aspects of SD using illustrations and explanations of the manoeuvres used to resolve this obstetric emergency
3. **Obstetrical haemorrhage:** An overview of obstetrical haemorrhage teaches how to recognize abnormal bleeding, quantify blood loss, identify risk factors and understand early interventions.
4. **Hypertensive disorders:** Evidence-based guidelines around hypertensive disorders in pregnancy, including classification and nomenclature, diagnostic criteria, and management guidelines.
5. **Promoting vaginal birth:** Clinical strategies to promote safe vaginal birth, including selective labour induction, use of vaginal birth after caesarean, and fetal malpresentation management.

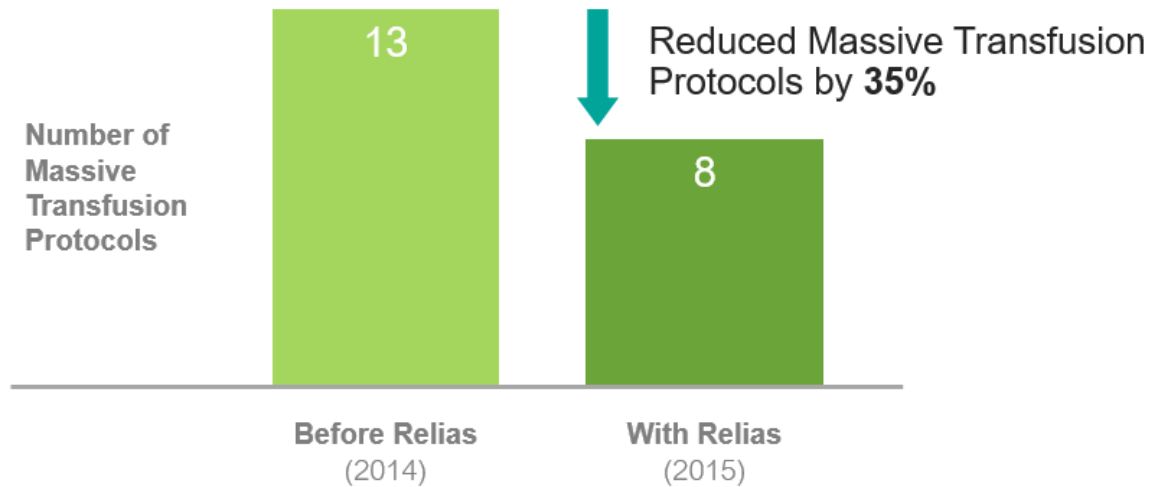
Clinical Impact of Relias OB: Dignity Health

8 out of 10 of the largest health systems in the US use Relias OB. Dignity Health has approximately 60k births per year and has seen the following results when using Relias OB for standardized education:

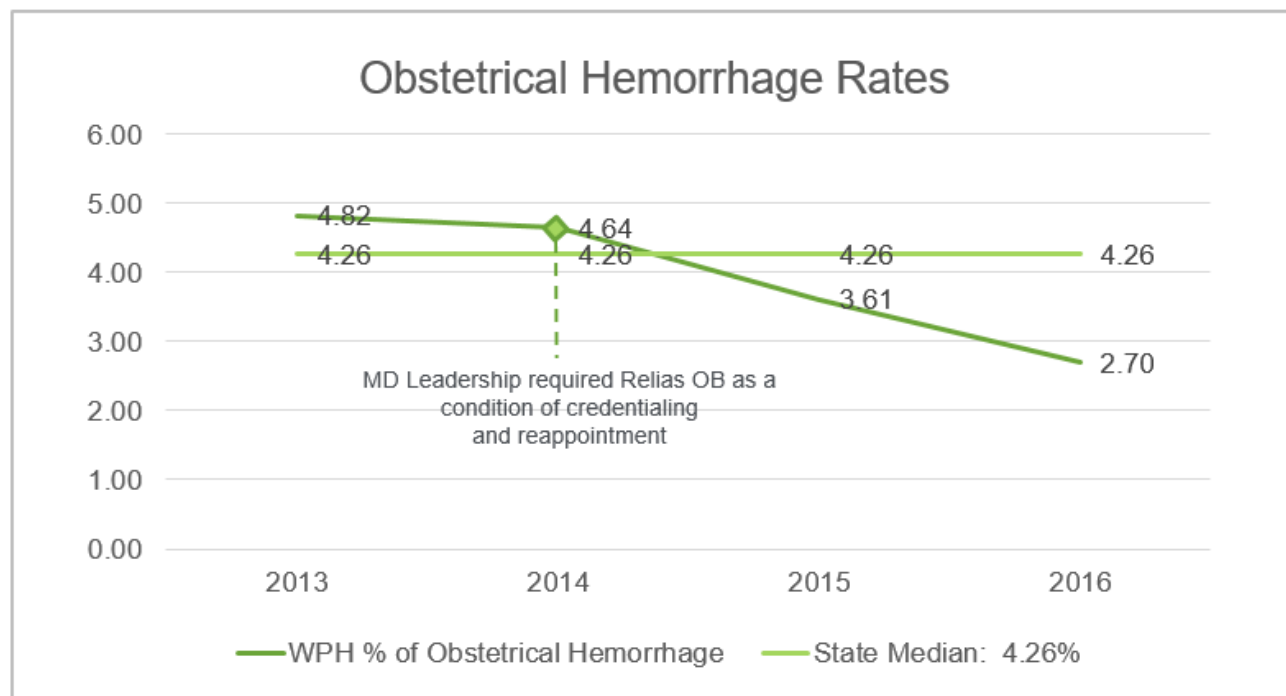


Clinical Impact of Relias OB: Texas Children's Hospital

Texas Children's Hospital has seen the following reduction in massive transfusion protocols, stating: "Conservatively, this translates to over \$150K saved and at least one maternal death avoided this year" (Lynda Tyler-Viola, RNC, PhD, AVP for Ob/Gyn & Inpatient Women's Services).



Clinical Impact of Relias OB: Winnie Palmer Hospital



Relias Sepsis

Relias Sepsis reduces variation in care among nurses and doctors to more effectively prevent, identify and manage cases of sepsis. It offers a powerful learning opportunity through high-fidelity scenarios that educate clinicians on the impact of diagnostic, treatment and intervention decisions.

Relias Sepsis provides advanced, evidence-based education to identify and address knowledge gaps within the two departments where most sepsis cases are clinically managed: Medical/Surgical and Intensive Care.

- **Sepsis Med/Surg:** This comprehensive course content includes in-depth topics such as prevention, identification and management of sepsis for Med/Surg providers and nurses.
- **Nurse & Provider Tracks:** Each course offers both a nurse and provider track for ICU and Med/Surg departments, where most cases of sepsis are clinically managed.
- **Sepsis ICU:** This comprehensive course content includes in-depth topics such as prevention, identification and management of sepsis for ICU providers and nurses.

Relias A&E

Risk in A&E is high because physicians and nurses encounter a broad range of problems, often with atypical presentations, in a fast-paced and dynamic environment. A large source of clinical negligence claims are a result of failed or delayed diagnoses, improper assessment, and breakdown in communication. Relias ED is a comprehensive programme that addresses these areas of high risk through targeted education and analytics:

- **High-Risk Abdominal Pain:** A detailed program on triage, evaluation, and critical thinking of abdominal pain, including appendicitis, diverticulitis, pancreatitis, cholecystitis and more.
- **High-Risk Chest Pain:** A thorough review of using the history, exam, diagnostic studies, and decision rules to evaluate and diagnose patients with chest pain and avoid cognitive bias.
- **Communication in A&E:** A collaborative approach to maximize communication among A&E clinicians, such as optimal communications for family notifications, discharges, handoffs, and transfers.
- **Nursing Triage:** A comparative examination of the most common A&E triage systems, including triage innovation, the 5-level system, and triage for special populations.
- **Paediatric Fever:** An examination of fever in paediatric patients without a source, including topics of basic immunology and physiology of fever and epidemiology of febrile illness.
- **Sepsis for Emergency RNs:** A case-based approach designed to help nurses refine assessment and treatment techniques to effectively manage complex health issues that often accompany sepsis.

Relias HCAI

As with Relias Sepsis, Relias HCAI provides advanced evidence-based education to identify and address knowledge gaps within the two departments where most HACs are clinically managed: Medical Surgical and Intensive Care.

- **Catheter-Associated Urinary Tract Infection (CAUTI) - ICU & Med/Surg:** Two comprehensive courses, one for Med/Surg and one for ICU staff (providers and nurses) on CAUTIs. Content includes in-depth topics such as risk factors, management and prevention at bedside and unit-level.
- **Central Line-Associated Blood Stream Infection (CLABSI) - ICU & Med/Surg:** Two comprehensive courses, one for Med/Surg and one for ICU staff (providers and nurses) on CLABSIs. Content includes in-depth topics such as risk factors, management and prevention at bedside and unit-level.
- **Clostridium Difficile:** To be added soon.
- **Nurse & Provider Tracks:** Each course offers both a nurse and provider track for ICU and Med/Surg departments, where most HCAs are clinically managed.