Balto Smart Form Technology

Clinical decision support that is an aid, a guide, and a companion on the path toward healing

Balto integrates data capture and clinical decision support into the electronic documentation process in a flexible, scalable and comprehensive manner.

Constructed based on existing and emerging standards and customized with input from clinicians at Walter Reed Army Medical Center and the Defense and Veterans Brain Injury Center, the Balto system can be configured to reflect clinical workflow and professional skills relevant to a wide variety of clinical settings for integration with large-scale Electronic Medical Record systems wherever and whenever it is appropriate. It is currently used to facilitate data capture and exchange for Traumatic Brain Injury (TBI) at Walter Reed National and Brooke Army Medical Centers and will soon be deployed at the Richmond VA Polytrauma Center. The Balto system has also developed decision support guidelines that are relevant to the following areas:

- Blast Injury
- Cardiac
- Chem/Bio Weapons
- Dermatology
- Diabetes
- Ear/Nose/Throat
- Endocrine
- Environmental Health
- Fluid/Electrolyte
- Gastrointestinal
- Genitourinary
- Gynecology
- Immunization
- Infectious Diseases
- Male Reproduction
- Mental Health
- Neurology
- Obstetrics
- Orthopedics
- Podiatry
- Respiratory
- Toxicology
- Trauma

Key Features:

◊ Ties together diagnosis, treatment and outcomes for a comprehensive overview of the clinical continuum

◊ Accessible on desktops, laptops and tablet devices

◊ Flexible, scalable architecture built on existing and emerging standards

◊ Customizable plug-and-play modules

◊ Ability to make clinical guidelines portable and distributable

Key Benefits:

◊ Provides clinical decision support through the creation, storage, management and execution of clinical guidelines and rules to assist decision-making

◊ Provides Clinical Decision Support at the data instrument (form) level

◊ Integrates with Department of Defense (DoD) electronic medical record systems

◊ Facilitates research and clinical care aimed at improving short and long-term treatment outcomes, the implementation of standardized return-to-duty criteria, and family and community reintegration

◊ Runs on the Army network via the Certification of Networthiness (CON) and the Navy network via the DoD Information Assurance Certification and Accreditation process (DIACAP)

◊ Has 3-year Authority to Operate (ATO) from Military Health Systems (MHS) and SORN notification

◊ Offers utilization of free authorware to create own data set or deploy nearly 100 standardized TBI evaluation smart forms currently incorporated in the system