

PERIGEN: Data Analytics for Medical Decision Support

The Challenge:

Emergency cesarean sections are costly and high risk. Historically, it was difficult for health care professionals to recognize critical patterns in time to prevent emergency situations for both mother and child.

PeriGen required a technology for its product that could handle the data complexity surrounding the expectant mother's examinations, medications, and a variety of other data points in order to make decisions in real-time.

PeriGen's Solution with Objectivity:

PeriGen's technology is designed for better obstetrical care, including reduced cesareans, fewer critical situations and better handling of those situations.

PeriGen's Computer Assisted Labor Monitoring (CALM) system provides real-time, multi-access monitoring for obstetrical care units, allowing doctors and nurses to keep informed of a patient's moment-by-moment progress wherever they are -- at bedside, at a nurse's station, from a doctor's office, or other remote facilities. PeriGen's CALM product was the first system to monitor both the mother and baby at the same time.

PeriGen selected Objectivity's technology for its CALM product based upon a variety of critical advantages. Objectivity was able to handle PeriGen's complex data requirements and various data types. Objectivity's technology enables the CALM system to provide comprehensive patient monitoring, information management and decision support capabilities in real-time.



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“We needed a technology that could handle the richness and complexity of the information we were collecting,” according to James Turner, Vice President of Business Development at LMS Medical (now PeriGen, Inc.).

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