



# Supporting comprehensive care for mother and baby

OB TraceVue, perinatal and gynecological information management system

**PHILIPS**

# Patient-focused care team collaboration



## Benefits of OB TraceVue:

- Offers outstanding surveillance, providing continuous trace displays of fetus and mother; even supporting triplets.
- Timely response to critical events through basic and advanced alarming achieved through fetal trace pattern analysis.
- May eliminate the need for double-charting which can improve efficiency and potentially reduce errors through direct interface with Hospital ADT and LIS Systems.
- Integrates into the hospital MS Domain infrastructure including user authentication via Microsoft Active Directory services.
- Automated data transfer through interface with hospital-wide third party charting solutions.
- Receives fetal traces transmitted from remote locations using Avalon FM20/FM30 and Avalon FM40/FM50 fetal monitors.
- Access to information from any location, at any time, through interactive remote access.

OB TraceVue covers the full continuum of perinatal and gynecological care, combining surveillance and alarming with broad patient documentation and data storage in one modular system.

Across one or more pregnancies and from the first antepartum visit through delivery, postpartum, discharge, postpartum follow-up, newborn nursery and GYN visits, OB TraceVue provides information clearly, allowing confident decisions at every point of care.

OB TraceVue connects the entire department to the system for smooth information exchange and data access from any location (including antepartum, labor and delivery, and postpartum units, as well as OB/GYN physician offices).

OB TraceVue can be accessed wherever patient information is needed – at the patient bedside and delivery room, central station, nurse's lounge, or physician's home or office. Easy access to well-organized information improves efficiency, allowing clinicians to focus more attention on patients and achieve better quality of care.

# In harmony with hospital infrastructure



Philips fetal/maternal monitors, cordless transducers, and the OB TraceVue system work together to span the perinatal care continuum, providing information clearly and quickly for enhanced patient care.

## Information access anywhere

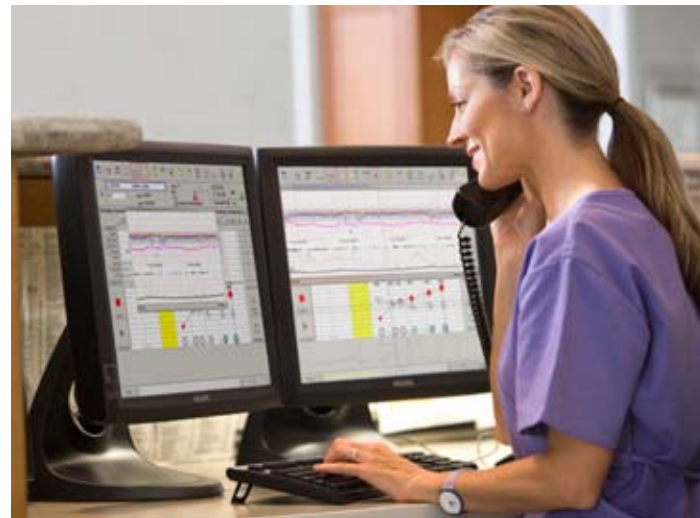
- OB TraceVue supports the flow of information across the care teams by providing clinicians access to a consolidated obstetrical record.
- An authorized care provider can gain access to OB TraceVue from any PC/tablet on the hospital LAN (OB department or physician's office) or remotely via secure connection over the internet.

## Orchestrating and tracking critical milestones throughout the perinatal care continuum

- OB TraceVue supports the collection of information from both Philips and non-Philips fetal monitoring devices. With Philips fetal monitoring, OB TraceVue can now acquire 3 Fetal Heart Rates through the RS FM interface.
- Enables compliance to ACOG/AWHONN guidelines through adopted NICHD terminology.
- OB TraceVue integrates with Philips IntelliVue Clinical Information Portfolio Critical Care NICU solution to support the seamless flow of information across the care continuum.

## Working in harmony with hospital core infrastructure

- OB TraceVue's HL7-based ADT and LIS interfaces allow information to be synthesized across care team information sources.
- OB TraceVue runs alongside third-party applications and can be minimized to an icon while users work with other applications. The icon, which is always visible, registers alert situations and provides charting reminders for time-sensitive tasks.
- OB TraceVue interfaces to hospital-wide third party charting solutions by exporting a configurable set of flowsheet data including vital signs, derived fetal heart rate parameters, alerts and notes via HL7 outbound communication.
- OB TraceVue can be fully integrated into the hospital's storage area network (SAN) for long term storage and archiving of patient information.



## Based on the best

With over 2,000 OB TraceVue customers globally, Philips understands the value high-level clinical expertise brings to perinatal information systems. We have worked with care teams across our global customer base, such as the Department of Obstetrics and the Laboratory of Computer Science of the Massachusetts General Hospital (MGH)\*, to gain insight and deep understanding to deliver an information management system that fits into our customers' workflow and never deters focus away from patient care.

\*A Harvard Medical School-affiliated hospital.

# Supporting the perinatal care continuum

Philips offers patient surveillance, alarming, documentation, and archiving functionality designed to allow comprehensive coverage across the perinatal care continuum

## **Fetal and maternal surveillance**

OB TraceVue provides continuous and clear trace displays that replicate the fetal monitor trace, incorporating all relevant data and notes.

## **Basic alarming**

OB TraceVue informs clinicians when fetal tachycardia and bradycardia limits have been exceeded, provides a signal-loss alarm, and incorporates cross channel verification, a unique feature included in all Philips fetal monitors to detect coincidences between fetal and maternal heart rates or between fetal heart rates.

## **Advanced pattern analysis**

Detailed pattern analysis tracks baseline changes, variability, as well as the number and type of decelerations, accelerations, and contractions. The results can be automatically charted in the flowsheet. Pattern analysis is the base for advanced alarming (antepartum and intrapartum) and for antepartum testing.

## **Advanced non-stress test support**

Pattern analysis is also used for antepartum testing to assess fetal well-being. An NST report is generated when reassurance criteria are met the first time in the current monitoring phase. When performing an NST with multiples, a separate report is generated for each fetus.

## **Flow sheet and forms-based charting**

OB TraceVue provides a full set of data entry screens for patient charting throughout the OB care continuum. Extensive user-defined pull-down lists help speed the documentation process. Comprehensive, integrated, and readily accessible information not only improves care, but also aids research, teaching, statistical evaluation, and administrative reporting. It also contributes to the longitudinal record on enterprise-wide systems, leveraging capital investment and data collection.

## **Newborn flow sheet and forms**

OB TraceVue offers a full set of forms from admission to discharge; including progress notes, problems, and procedures focused on the newborn. There is also an easy link between maternal and newborn records with a single click.

## **Gynecological charting and forms**

Gynecological information is an important component of a woman's overall health history. In OB TraceVue, the GYN charting function provides a dedicated view of the patient's gynecological data, optimized for the physician or primary care provider. OB TraceVue presents patient information the way physicians work: from an overview to details. Summary statements span patient visits, with more detailed information easily accessible.

## **Comprehensive perinatal solution**

OB TraceVue offers high quality data management capabilities, with the information and benefits needed for complete record keeping and data management.

For more information, go to: [www.philips.com/OBTraceVue](http://www.philips.com/OBTraceVue)



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