



Care that's comfortable

Philips Avalon cableless fetal monitoring system

PHILIPS

Monitored with a smile

Wouldn't it be great to have no cables at all in your OB department?

Changing clothes, taking a shower, walking around a room – these activities sound simple. But they can be complicated and uncomfortable for mothers who are cabled and monitored in an OB department. As a caregiver, you want to do everything you can to increase your patients' mobility and comfort while keeping a constant eye on their condition.

Contribute to a pleasant birthing experience

A cableless OB department can enhance everyone's experience without sacrificing essential monitoring needs. Since mothers are free to move as they please, they're less likely to feel added stress. And without cable clutter to deal with, you can concentrate on making patients' time in your hospital as enjoyable as possible.

Welcome to wireless fetal monitoring

Philips Avalon CL is a wireless solution that lets you reduce the amount of cables in your OB department and expand your intrapartum and antepartum measurement parameters.

In addition to the standard measurements, it allows you to measure the fetal heart rate of twins – along with maternal NiBP and SpO₂. Built-in Philips Avalon Smart Pulse technology can detect heart rate coincidence by automatically comparing the maternal pulse and multiple fetal heart rates to make sure separation is maintained.



Your wireless OB department at work

Surveillance, alerting,
charting, storage

Avalon CL, part of our obstetrical and fetal monitoring and information management portfolio, works easily with Philips Avalon fetal monitors. The transducers transmit fetal and maternal vital signs information to a fetal monitor via the base station. From there, patient information can be transferred to our IntelliSpace Perinatal information management system.

Gathering data
Cableless transducers

Transferring data
Base station

Fetal monitor

IntelliSpace Perinatal



Cableless transducers can be easily clipped, secured, and repositioned for freedom of movement

Smart Pulse automatically provides the maternal pulse, which is continuously compared with the fetal heart rate using CCV. This may help reduce the possibility of mistaking one heart rate for another, even for multiple fetal heart rates.

SpO₂ measurement pod (not pictured here) uses the Philips FAST-SpO₂ algorithm.

NiBP measurement pod uses the oscillometric method to produce numeric values for systolic, diastolic, and mean blood pressure.

Three types of cableless transducers

- Ultrasound transducer measures fetal heart rate and fetal movement
- Toco+MP transducer measures uterine activity, maternal pulse, and either maternal ECG, fetal ECG, or intrauterine pressure (IUP)
- ECG/IUP transducer measures either maternal ECG, fetal ECG, or IUP



Base station receives signals from transducers and recharges the transducers when not in use.

Working with you to drive clinical performance



At Philips, we're dedicated to creating the future of healthcare. But we can't do it alone. That's why we collaborate with clinicians and patients to develop solutions that work in real clinical environments. We deliver innovation that matters to you – through

new and enhanced solutions to help you to be healthy, live well, and enjoy life. Avalon CL enhances the labor experience through mobility while offering the extra layer of confidence of Smart Pulse technology.

Please visit www.philips.com/AvalonCL



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