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# A Miniaturized, Wireless, Dermal Patch for Position-independent, Non-invasive Fetal Monitoring

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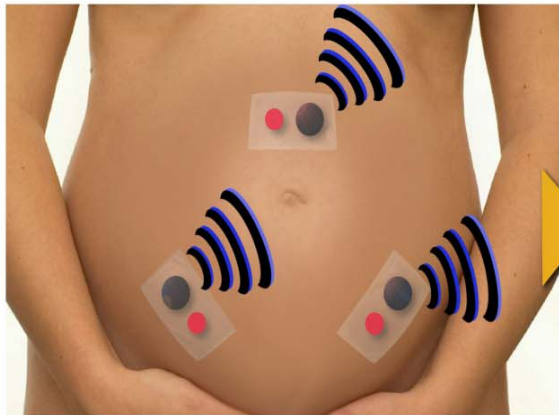


# Unmet Needs

- Patient freedom of movement during intrapartum fetal monitoring
- Reallocation of skilled nursing talent away from repositioning monitoring devices, and strapping/unstrapping



# Miniature Wireless Patches



3 dermal patches



Standard monitor



Skilled nurses



# Current (Old) Monitoring Method



*Belts, Pucks & Goo:*

- *Constant repositioning*
- *Loss of fetal signal*
- *Restricted freedom of movement*

*= Miserable &  
Nurse-intensive*



# Features and Benefits

Feature	Benefit
Multiple, fixed dermal patches	Continuous fetal monitoring without readjustments
Wireless data transmission	Patient freedom of movement
High fidelity micro-phone technology	Clearer fetal distress signal than doppler
Compatible with current systems	Only minor software upgrades required
One size fits all	Easy to inventory



# Value Proposition

Greater patient comfort +  
Reduced nursing support

Higher patient satisfaction &  
Reduced facility expenses

Increased hospital revenue at  
lower cost = higher hospital profit



# Market Size

- 3.8M births monitored in U.S.
- \$42M U.S. intrapartum market ('04)
- Mature market w/1% growth
- Acceleration to come from aging maternal population & new technologies



# Market Impact

- Revolutionize intrapartum electronic fetal monitoring
- No significant upgrade since first introduced 20 years ago



# Intellectual Property

- PCT application filed November 2008



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