# Universal Hospitalization of Birthing Women: Do the Arguments Stand Up to Scrutiny?



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"Unless a woman is in a hospital, an accredited freestanding birthing center, or a birthing center within a hospital complex, with physicians ready to intervene quickly if necessary, she puts herself and her baby's health and life at unnecessary risk."

- ACOG News Release, 2/6/2008





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# The Evidence Basis for Birth Center Care

Birth centers were defined as freestanding facilities that provide intrapartum and immediate postpartum care to low-risk women and their newborns.





# Planned Home and Birth Center Birth: A Critical Review of the Evidence

### Perinatal/neonatal outcomes

- ↓ infants requiring evaluation and treatment for infection
- similar rates of preterm births, low birthweight infants, incidence of thick meconium, NICU admissions, and readmissions



# Planned Home and Birth Center Birth: A Critical Review of the Evidence

### **Maternal outcomes**

- fincreased number of spontaneous vaginal births
- $\checkmark$  vaginal instrumental deliveries
- $\checkmark$  episiotomies
- similar incidence of maternal infection or need for antibiotics after birth





# The Evidence Basis for Homebirth



Homebirth was defined using the following characteristics: •woman is at low risk for complications, •birth is planned to take place at home, and •care provider is qualified to provide care in the home setting











# Universal Hospitalization: The "Just in Case" Argument

"Childbirth decisions should not be dictated or influenced by what's fashionable, trendy, or the latest cause célèbre. Despite the rosy picture painted by home birth advocates, *a seemingly normal labor and delivery can quickly become life-threatening* for both the mother and baby."

- ACOG News Release, 2/6/2008











# Universal Hospitalization: The Limitations of the Evidence Argument

"It should be emphasized that studies comparing the safety and outcome of births in hospitals with those occurring in other settings in the US are limited and have not been scientifically rigorous."

- ACOG News Release, 2/6/2008



# RCTs of Birth Settings are Not Feasible



- Recruitment obstacles
- Power dynamics
  - Obstetric departments
  - Institutional Review Boards
- Funding

# Active Construction of the provided pro

# Achieving "scientific rigor" in studying the effects of birth settings

Utilize all relevant and valuable study designs

- Achieve scientific rigor within these study designs
- Study population effects
  - The health of the population matters
  - Settings affect care in other settings
  - We need better data sets
- Continue to study community-based settings
  - Define best practices
  - Enhance decision-making when risk factors present



# Universal Hospitalization: The Efficiency Argument

- The early years: efficiency through specialization
- Hospitals get connected: standardization
- Hospitals get big: teaching hospitals tap new markets
- The era of perinatal regionalization: active management of supply and demand

For a much deeper explanation, read Perkins, B. (2004) <u>The Medical</u> <u>Delivery Business.</u>



# Universal Hospitalization: The Efficiency Argument

•Walsh (2006): "Fordism" and "Taylorism" •The obstetrical "processing mentality"



- Focus on product outcomes
- Values predictability, standardization and efficiency
- Role differentiation explicit; all tasks procedure driven
- Hierarchical authority respected; role compliance essential

# Universal Hospitalization: The Efficiency Argument

•Anything which holds up the assembly line will not be tolerated. Hence inductions, augmentation, cesareans, impatience with breastfeeding, postpartum issues, etc.

Ultimate power is to gain control over the input to the factory via elective procedures



# Universal Hospitalization:

The Efficiency Argument

- Hospitals specialize in hierarchies and "doing"
- By contrast, birth centers and homebirth are characterized by care organized around "being with women" vs. "doing to women" (Walsh, 2006)

Contrary to assumptions that hospitals are more cost efficient, Jackson et al (2004) found that birth center care within a collaborative care model substantially improve resource utilization and outcomes



# Integrating Care to Optimize Outcomes

Women should give birth at "the most peripheral level where birth is feasible and safe and where the woman feels safe and confident."



1. World Health Organization Department of Reproductive Health and Research. (1999). Care in normal birth: a practical guide. Geneva: World Health Organization.







Skilled Birth Attendants & Prepared Birth Settings in the Community: A Safety Net

- Roadside births
- Disaster preparedness





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