



## NICUS Around the World – What Do You See and Don't See?

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1) What is similar?

- a) Patients/families
- b) Medical staff
- c) Equipment
- d) Physical space
- 2) What is different?
- 3) What drives differences?

## **NICUs Around the World**

- ◆ China Beijing, Hangzhou
- ◆ Lucile Packard Children's Hospital Stanford
- Children's Hospital Orange County
- Cook Children's Hospital Fort Worth, TX
- ◆ Family Integrated Care Estonia/Sweden



















Fudan Children's Hospital, Shanghai













































# **Children's Hospital of Orange County**

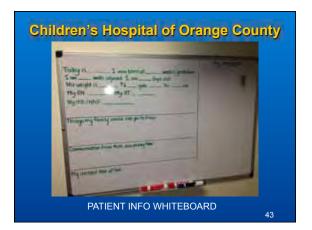
Small Baby Private Room





























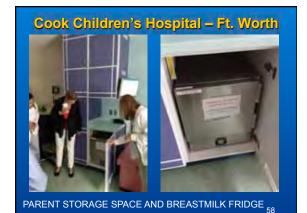






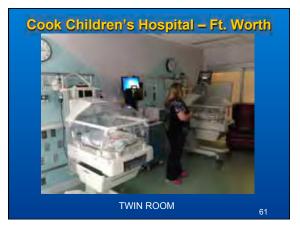




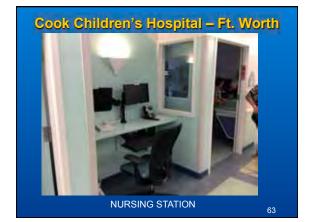


















# Caring for Families

•Mother's health and wellbeing is considered essential to the baby's wellbeing:

- •Atmosphere of team support;
- Mother and baby are a unit;

• Nurse partners mother in the baby's care



### **Estonia NICU Care Model**

- Parents are primary caregivers, not nurses
- Parents responsible for all care except IV, medications
- Parents participate in rounds, reports, charting
- Encourage developmental & kangaroo care
- Nurses are teachers and consultants
- Results = 30% reduction in nosocomial (hospital
  - acquired) infection 30% improvement in weight gain 20% reduction in LOS 50% reduction in nurse utilization improved parent/staff satisfaction

#### Family Integrated Care Pilot Results Mount Sinai Hospital, Toronto

- 25% improvement in weight gain
- Decreased nosocomial infection
  from 11.5% to zero
- Reduced critical incident reports
  from 10% to zero
- Decreased parental stress









