

**THE 6TH BIENNIAL INTERNATIONAL WORKSHOP OF**



**Celebrating 10 Years of the Promotion of the  
Art and Science of Kangaroo Mother Care  
by the International Network of Kangaroo Mother Care (1996-2006)**

**Cleveland, Ohio, October 11-15, 2006.**

# Wednesday, October 11th



**Welcome reception at Winter Garden Room, Intercontinental Suites. Participants get together...laughs, stories, food and Susan Ludington's welcome presentation**




[List of participants](#)

Cleveland USA, Oct 11th-15th

Thursday, October 12th

Verbal Presentations	Abstract/Conclusions/Summary
<p><b>Community based Kangaroo Mother Care</b></p> <p><b>Nancy Sloan</b> <a href="#"><u>Abstract 1</u></a></p> 	<p><b>Additional data is needed to evaluate results and justify dissemination of KMC.</b></p> <p><b>Next steps: Further analysis of RCT data to describe benefits and limitations of KMC.</b></p>
<p><b>Kangaroo Care for fullterm infants: State of Science</b></p> <p><b>Barbara Morrison</b> <i>Abstract 2</i> <a href="#"><u>Abstract 2b</u></a></p> 	<p><b>Enhance maternal-infant attachment, behavior, bonding and relaxation. Prevention of hypothermia following birth. Cardiorespiratory and metabolic stability. Reduced autonomic and behavioral responses to painful experiences. Increased breastfeeding initiation, duration and exclusivity</b></p>

Thursday, October 12th

Verbal Presentation	Abstract/Conclusions/Summary
<p><b>Evidence based guidelines for KMC</b> <b>Juan Gabriel Ruíz</b></p> <p><a href="#"><u>Abstract3</u></a></p> 	<p><b>There is an undesirable variability in the definition and provision of KMC</b></p> <p><b>Evidence based guidelines are the response to the leading danger of offering substandardized care under the label of KMC and are formulated to be appropriate and applicable.</b></p> <p><b>Guidelines should be tailored to local needs and conditions but many of the recommendations will be useful in the development of guidelines elsewhere.</b></p> <p><b>Work is still in progress but several products have been completed. Inputs from external peers has invaluable importance</b></p>



# Thursday, October 12th

## Goals/activities of Workshop

Adriano Cattaneo, Nathalie Charpak, Juan Gabriel Ruiz



## Work in focus groups

**Nutrition**

**Position**

**Discharge and Follow up**

**Participants decided which group they wanted to attend to.**

**Around twelve hours were dedicated to the work in focus groups and 3 documents were generated with conclusions on the discussion in each group**

[Papers](#)

[Susan Ludington Bibliography](#)

# Poster Presentations *Poster abstracts*



**Charpak/Ruiz/Motta:** One year follow up of a cohort of preterm infants discharged home with ambulatory oxygen in Bogotá, Colombia

**Raouth Kostandy:** Effects on pain from Hepatitis B vaccine injection

**Barbara Morrison:** Interruptions to Kangaroo Care and breastfeeding process

**Barbara Morrison:** Temporal organizations of interruptions to breastfeeding dyads

**Walters/Boggs/Price:** Kangaroo Care at birth with term infants

**Zadvinskis/Lamp:** Applying the Iowa Model of Evidence Based Practice to promote quality care

**Sheau-Huey Chiu/Anderson:** Breastfeeding Status by ethnicity in mothers and their fullterm infants with breastfeeding difficulty during early postpartum

**Davis/Bergh/Rooyen/Pattinson:** Implementation of Kangaroo Mother Care and sustainability of practices in Mpumalanga province, South Africa



# At night a great dinner in Susan Ludington's house with typical dances



Cleveland USA, Oct 11th-15th




# Friday, October 13th

Verbal Presentations	Abstract/Conclusions/Summary
<p><b>Kangaroo Mother Care in hospitals around the world</b></p> <p><b>Anne-Marie Bergh</b></p> <p><a href="#"><u>Abstract 4</u></a></p> 	<p>The organization and context of individual hospitals determine the nature of some KMC practices. There are no major differences in KMC practices across levels or types of hospitals. It may be easier to institute continuous KMC in some countries</p>
<p><b>Clinical Guidelines and a systematic review on early skin-to-skin care for term infants and low birth weight infants and their mothers</b></p> <p><b>Rintaro Mori</b></p> <p><a href="#"><u>Abstract 5</u></a></p> 	<p>There is inconclusive evidence for effectiveness of early initiation of skin-to-skin contact in stable LBW babies, although some benefits are reported from individual studies. There is need to conduct a high quality multicentric randomized trial in different settings.</p>



Friday, October 13th

Verbal Presentations	Abstract/Conclusions/Summary
<p><b>Use of Kangaroo Mother Care Guidelines</b></p> <p><b>Ornella Lincetto</b> <a href="#">Abstract 6</a></p> 	<p><b>The Kangaroo MotherCare: A practical guide is widely distributed and accesible in many languages. However, little information is available on its practical use and impact. Improving the feedback from the users will be benefical for its version</b></p>
<p><b>Skin-to-skin care for breastfeeding difficulties postbirth</b></p> <p><b>Gene Cranston Anderson</b> <a href="#">Abstract 7</a> <a href="#">Abstract 7b</a></p> 	<p><b>Study evaluating the status of breast feeding (BF) for mother-infant dyads having BF difficulties postbirth and given skin-to-skin care(SSC).</b></p>

Friday, October 13th

Verbal Presentations	Abstract/Conclusions/Summary
<p><b>Sources of resistance to KMC implementation in developing countries and proposed solutions</b></p> <p><b>Nathalie Charpak</b> <a href="#"><u>Abstract8</u></a> <a href="#"><u>Paper resistances</u></a></p> 	<p><b>Active surveillance for an appropriate identification of obstacles usually indicated the appropriate solution. Some of the obstacles were common to many second-generation KMC programmes, making this information invaluable for implementation programmes</b></p>

# Poster Presentations *Poster abstracts*



**Odette Guifo:** Report of Activities of the Kangaroo Mother Care program in Douala, Cameroon

**Ibe/Fakunle :** KMC dissemination in Nigeria

**Ranaivoson, Ramahandridona, Tsarafihavy, Sambany:** Kangaroo Mother Care in Troto An-Koditra unit, Madagascar

**Monica Rodriguez:** Humanizing our Unit: KMC as a way of fostering family bonding

**Elise van Rooyen** An ongoing audit of the KMC unit at Kalafong Hospital

**Charpak/Angel:** Quality of Care and KMC practical guidelines





# A gala dinner offered by Johnson and Johnson Institute for this special event: the 10<sup>th</sup> INK anniversary



Cleveland USA, Oct 11th-15th

*Thank you to Nils Bergman for these nice photos*

# Saturday, October 14th

Verbal Presentations	Abstract/Conclusions/Summary
<p><b>RCT of early mother-infant skin-to-skin contact and breastfeeding success</b></p>  <p><b>Elizabeth Moore</b> <a href="#"><u>Abstract 9</u></a></p>	<p><b>Skin-to-skin contact is an effective intervention for enhancing breastfeeding success in the early postpartum period</b></p>
<p><b>Continuous KMC from birth in a Swedish Neonatal Unit</b></p> <p><b>Kerstin Hedberg</b> <a href="#"><u>Abstract 10</u></a></p> 	<p><b>Also in Sweden, a western industrialized country, mothers and fathers appear to accept the complete KMC method with early, continuous, prolonged STS contact, exclusive breastfeeding, early discharge and adequate follow up. The documentation of STS was incomplete, possibly because nurses did not regard the method as a medical treatment. Parent's perception of the method and infant outcome variables need to be further explored in prospective studies.</b></p>

Saturday, October 14th

Verbal Presentations

Abstract/Conclusions/Summary

**Neurophysiologic assessment of brain maturation**

**Mark S. Scher**

[Abstract 11](#)



**Preliminary results of a six-week trial of skin-to-skin contact with preterm infants. The patterns demonstrated by the STS contact group are analogous to more mature sleep organization. STS contact may be used as an intervention to improve sleep organization in this population of preterm infants**



# Poster Presentations [Posters abstracts](#)



**Bergh/Pattinson/van Rooyen:** Research programme on the implementation of KMC in South Africa

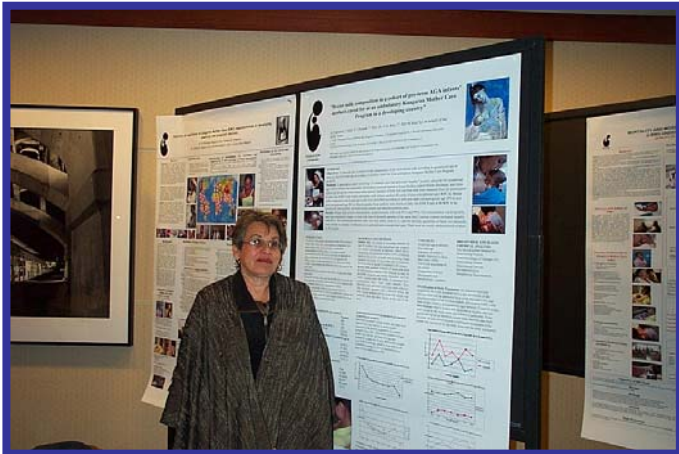
**Cristo/Garzón/Machuca/Riaño/Moreno:** Neurobehavioral development of preterm infants between 34 to 40 weeks of gestational age cared for in an ambulatory KMC Program

**Figueroa/Charpak/Ruiz:** Breast milk composition in a cohort of preterm AGA infants in Bogota Colombia



**Chi Loung:** Effects of massage on premature infants with KMC

**Mantoa Mockhachane:** Kangaroo Father Care: Does it make the difference?

**Tallandini/Scalembrà:** The relation between kangaroo care and breastfeeding in an Italian sample



# Sunday, October 15th

Verbal Presentations	Abstract/Conclusions/Summary
<p><b>Kangaroo Mother Care in the “community” of Manila</b></p> <p><b>Socorro de Leon Mendoza</b></p> <p><u><a href="#">Abstract 12</a></u></p> 	<p><b>The standard operating procedures for the KMC was approved in June 2006 paving the way for its standard implementation, documentation and data collection. A statistical report was presented during the workshop</b></p>
<p><b>Kangaroo Mother Care Programs in 19 California Hospitals</b></p> <p><b>Carolyn Melcher</b></p> <p><u><a href="#">Abstract 13</a></u></p> 	<p><b>Early STS care for normal newborns is an excellent way to introduce and normalize KMC. It is an intervention that can be applied to all babies, not just breastfeeding babies and provides immediate and consistently positive results to the nursing staff. Nurses recognize the improvements demonstrated in the newborn and are eager to participate in Kangaroo Mother Care</b></p>

# Sunday, October 15th

## Verbal Presentations

### Effects of Skin-to-Skin contact on early mother-infant interaction

Anne Bigelow

[Abstract 14](#)

[Abstract14b](#)



## Abstract/Conclusions/Summary

Preliminary findings from a Canadian Sample of fullterm infants

Early STS contact accelerates infants' response to the Still Face Task. Facilitates infants' response to maternal social overtures. Enhances infants' ability to reengage with mother. By 3 months, infants take an active role in initiating reengagement. Trends occurring at ages younger than previously reported

Presentations of the documents produced by the 3 working groups: discharge and follow up ([report1](#)), kangaroo position (*Report 2*) and kangaroo nutrition (*Report3*)





The Kangaroo Foundation want to acknowledge its sponsors in Colombia which help us to join this meeting

**Colciencias**

**Banco de la Republica**

**American Airlines and Delta Air lines**

**Aventis and Wyeth Laboratories**

**Integral Kangaroo Mother Care Program**

A very special thank to the **French NGO Appel** for the support to **HCMC, Vietnam** and to the "Partenariat humanitaire de la direction de la direction de la communication" de **Air France** . Since the creation of the INK, they help us with the travel to the meeting of 4 to 5 KMC centers of developing countries (**2006: Soweto, South Africa, Chennai, India, Douala, Cameroon, Antananarivo, Madagascar**), it is an invaluable help for all the premature and low birth weight infants of the developing world