



Ministério da Saúde

FIOCRUZ
Fundação Oswaldo Cruz



ESCOLA NACIONAL DE SAÚDE PÚBLICA
SERGIO AROUCA
ENSP

Normal Labour and Birth: 9th International Research Conference

Buzios, 10th-13th October 2014

Echoes of the 9th Normal Labour and Birth Research Conference
Normal is Natural: from Research to Action
Rio de Janeiro, 14th-16th October 2014

I. Introduction:

The **Normal Labour and Birth Research Conference** has occurred on a regular basis since 2002, having since 2009 been held outside the UK on two occasions. In 2010, the venue was held in Canada and, in 2012 in China. In 2014 Brazil had the honour of hosting for the first time this event in Latin America, sponsored by Oswaldo Cruz Foundation (Fiocruz), the Brazilian Association of Obstetric Nurses and Midwives (ABENFO) and the Executive Committee of this series of conferences at the University of Central Lancashire in the UK (UCLan).

The conference in Brazil, the **9th Normal Labour and Birth International Research Conference** had an estimated attendance of 209 people and focused on academics, researchers, policy makers and hospital managers, health care providers working in the maternity care. It aimed to provide an opportunity to exchange experiences at international level, to disseminate research evidence on normal labour and birth locally, in order to improve clinical practice, education, governance, supervision and the development of public policies and future research.

Main objectives:

1. Disseminate ongoing and concluded research on physiological labour and birth.
2. Offer an opportunity for collaboration and discussion for the development of research, education and training in the promotion of normal labour and birth.
3. Develop an agenda for future research in the area of normal labour and birth and create a dynamic framework for optimal care in maternity hospitals for women, babies and their families.

The **Normal Labour and Birth – 9th International Research Conference** took place on the 10, 11, 12 and 13 October 2014 in the city of Armação dos Búzios, in the state of Rio de Janeiro (RJ), the convention Center at Hotel Ferradura, Rua E, Lote 9 - Condomínio Atlântico, Praia da Armação dos Búzios. The site remained fully booked for the event and all participants were able to stay at the venue hotel itself.

The conference was publicized extensively in Brazil, and abroad by several actors and different means of communication, such as Internet (conference website, e-mailing lists and social networks such as Facebook and Twitter), flyers, posters and scientific

journals. Conference organization team members travelled in Brazil and other countries in order to promote and create a network of contacts for the conference.

The dissemination of the 9th NLB conference began in June 2012. As of that date, a great deal of publicity material and a website was developed containing all relevant information to the event, with a version in English and Portuguese. It was through the latter that participants did their entries, submitted abstracts, received news and contacted the executive committee for troubleshooting and / or queries. There was a team of technical and logistical support to respond to these contacts. The website is available at: <http://normalbirthbrazil.com/>



The event's 9th NLB conference organization committee held monthly meetings with the organizers of the "Echoes" event, on the premises of the National School of Public Health Sergio Arouca (ENSP / Fiocruz) since March 2013. In these meetings, both conference presidents were present, all committee coordinators and other members of the organization team. On these occasions decisions about the organization of the two events were deliberated.

II. Characteristics of participants at 9th NLBRC

The conference was attended by 209 participants. Of these, 178 enrolled via the website, 17 enrolled on the venue day and 14 were invited monitors, students from the Midwifery School EACH/USP. Among conference participants, 74% were health professionals and 26% PhD. The vast majority were women (83%), and men accounted for only 17% of participants (Table 1).

As regards to professional background, doctors accounted for the vast majority of the audience (43%), followed by obstetric nurses and midwives (27%). The conference was also attended by many allied health professionals, such as: psychologists, physiotherapists and technical nurses (Table 1).

1. Tabela descritiva das características dos participantes

Mulheres	83%
Homens	17%
Profissionais	74%
Estudantes pós-graduação	26%
Expertise	
Assistance	37,5%
Research	26,25%
Teaching	18,75%
Management	12,5%
Other	5%
Profession	
Doctor	36,5%
Midwife /obstetric-nurse	27%
Nurse	12%
Pediatrician-neonatologist	6,25%
Psychologist	4,25%
Social-scientist	4%
Epidemiologist	3,25%
Physiotherapist	1,25%
Other	5,5%

Regarding the country of origin of participants, the vast majority were Brazilian nationals (86.1%), followed by USA (2.8%) and the UK (2.8%). The conference was

also attended by Canadians, French, Chileans, Argentina among other nationalities, which corresponded to 8.3% of the audience. We had a total of 13 countries represented at the conference (Table 2).

2. Tabela descritiva do país de origem dos participantes

Brasil	86,1%
Estados Unidos	2,80%
Reino Unido	2,80%
Canadá	2,25%
França	1,12%
Chile	1,12%
Suíça	0,56%
Holanda	0,56%
Guiné-Bissau	0,56%
Alemanhã	0,56%
Suécia	0,56%
Austrália	0,56%
Argentina	0,56%

As for Brazilians present at the conference, the vast majority (53.5%) came from the state of Rio de Janeiro (RJ), followed by the state of São Paulo (SP) (14.7%) and Minas Gerais (9%) . The conference was attended by 16 Brazilian states, representing 60% of the 27 Federative units that make up Brazil (Table 3).

3. Tabela descritiva do estado do Brasil de origem dos participantes

Rio de Janeiro (RJ)	53,5%
São Paulo (SP)	14,7%
Minas Gerais (MG)	9,0%
Santa Catarina (SC)	4,0%
Distrito Federal (DF)	3,25%
Pernambuco (PE)	3,25%
Maranhão (MA)	1,8%
Amapá (AP)	1,8%
Amazônia (AM)	1,8%
Piauí (PI)	1,2%
Rio Grande do Sul (RS)	1,2%
Tocantins (TO)	1,2%
Bahia (BA)	1,2%
Roraima (RR)	0,7%
Goiás (GO)	0,7%
Ceará (GO)	0,7%

III. Access to website:

The conference website had an average 438 hits a day throughout the year of 2014, totaling 159,432 hits. As shown in Table 4, the distribution of the means of access was uneven throughout the months of the year, with the largest concentration in the months of September and October (1000 average hits per day), followed by the months of July and August (800 hits average daily).

4. Tabela com as médias mensais* de acessos por dia ao site

	<u>Média de acessos por dia ao site</u>
Janeiro	100
Fevereiro	150
Março	250
Abril	300
Maior	300
Junho	300
Julho	800
Agosto	800
Setembro	1000
Outubro	1000
Novembro	200
Dezembro	50

*ano de 2014

IV. Oral presentations

A total of 62 scientific papers were presented in the form of oral presentation. Of these, 49 were by Brazilian authors and 13 by international authors. A total of 153 abstracts were submitted on-line, 62 were accepted for oral presentation at the conference in Buzios, 56 were accepted for Poster presentation in the Echoes conference in Rio de Janeiro and 35 did not meet the necessary requirements and were rejected.

Following is a list of oral communication papers presented at the “*Normal Labour and Birth – 9th International Research Conference*” in Búzios:

Oral Communication

Saturday, 11 October 2014

Group 1: Antenatal care

Chair: Fernando Maia Filho (BR)

1- *Antenatal care in Brazil* - Elaine Viellas, Rosa Maria Domingues, Silvana Granado, Marcos Dias, Mariza Theme, Janaina Viana, Maria Helena Bastos, Maria do Carmo Leal.

2- *Saving babies? Induction of labour in healthy women at and beyond term. Analysis of seven years German routine perinatal data* - Christiane Schwarz, Rainhild Schäfers, Christine Loytved, Peter Heusser, Bettina Berger.

3- *Analysis of sexual function and strength of the pelvic floor muscles during pregnancy* - Nathalie Leister, Karina F. Trevisan, Miriam R. D. Zanetti, Christine McCourt, Maria Luiza G. Riesco.

4- *Adherence of pregnant women to pelvic floor exercises* - Fernanda da S. Santos, Camila da S. Cruz, Nathalie Lesiter, Míriam R. D. Zanetti, Maria Luíza G. Riesco.

5- *Changing Childbirth: Women leading decisions in maternity care* - Vedam, S; Stoll, K; Martin, K.

6- *Teenage pregnancy, birth and low birth weight: a study of municipalities in the Northeast of Brazil* - André Henrique V. de Almeida, Maria C. O. Costa, Silvana G. N. Gama, Magali T. R. Amaral, Eloisa B. Bacelar.

7- *Pelvic floor muscle strength of postpartum women according to mode of delivery: cross sectional study.* - Edilaine de Paula B. Mendes, Adriana de S. Caroci, Sheyla G. Oliveira, Renata L. da Silva, Sonia Maria J. V. de Oliveira.

8- *Severe Maternal Morbidity in the ABC Paulista region.* - Maria Inês R. Puccia, Luiz de Souza, Marli V. Mamede.

9- *The experience of childbirth from the perspective of women who experienced maternal near-miss.* - Cláudia de A. Aguiar, Ana Cristina d'Andretta Tanaka

10- *Giving new meaning as a woman in childbirth: experience of participating in social movements for the humanization of birth.* - Míriam Rego de Castro, Maria Luíza G. Riesco, Margareth Angelo

Group 2A: Labour and Birth care

Chair: Marcia Lázaro (BR)

1- *Planned home birth assisted by Team Hanami in Santa Catarina, Brazil: maternal and neonatal outcomes* - Joyce Greenk.

2- *Experience of home birth care by nurse-midwives in Belo Horizonte* - Míriam R. de Castro, Odete P. M. Cândido, Janaína C. Gomes, Karina G. Souza

3- *Towards a reimagined birth environment: aspects of light for birthspace* - Doreen Balabanoff

4- *Non-pharmacological resources in the evolution of labor* - Efigenia A. M. de Freitas, Jane C. Noronha

5- *Asking for what you want in labor: Women's experiences of agency* - Priscilla Hall; Bonnie Mowinski Jennings; Jennifer Foster; Katherine M.

6- *Perception of postpartum women on the companion during labor and vaginal delivery* - Inez S. Nery, Pâmela G. Martins, Lucimar R. R. Gonçalves, Simone S. Silva.

7- **The association between spontaneous vaginal delivery and the collaborative care model in public hospitals in Brazil: a hierarchical analysis** - Sibylle Emilie Vogt, Marcos Dias, Kátia Silveira da Silva.

8- *Implementation methodology of scientific evidence in normal birth care* - Clodoaldo T. Cortes, Rafael C. S. dos Santos, Sonia M. J. V. de Oliveira, Maria L. G. Riesco.

9- *Humanized delivery care in a maternity hospital in the Northeast of Brazil: maternal and perinatal outcomes* - Nicole V. Leal, Melania M. R. de Amorim, Antonio H. F. Neto, Fabiana de O. Melo, Luanda Pereira.

Group 2B: Labour and Birth care
Chair: Marcos Nakamura (BR)

1- *The practice of Kristeller maneuver in Southeastern Brazil: data from the National Survey on Labor and Delivery* - Halana F. A. Andrezzo, Marcel R. Queiroz, Paula G. Carvalho, Simone Diniz.

2- *Obstetric outcomes of water birth in a maternity supplemental healthcare industry, Santa Catarina, Brazil* - Tânia R. Scheidt, Odaléa Brüggemann, Eleonora d'Orsi.

3- *Interventions use during the second stage of labour: An exploration of what affects their use in Jeddah, Saudi Arabia* - Roa Altaweli.

4- *Cesarean section indications in Rio de Janeiro: na epidemiological approach* - Daphne Rattner.

5- *Factors associated with caesarean section in primiparous women attended in health services of the Brazilian Unified Health System.* - Marcos Dias, Rosa Maria Domingues, Marcos Nakamura, Maria do Carmo Leal.

6- *Cesarean, funding source, and socioeconomic and demographic factors in the Southeast: cross sectional study from the survey data Born in Brazil* - Bruna D. Alonso , Flora M. B. da Silva, Simone Diniz, Marcel R. Queiroz , Gizelton P. Alencar.

7- *Rates of obstetric intervention and associated perinatal mortality and morbidity among low-risk women giving birth in private and public hospitals in NSW (2000–2008): a linked data population-based cohort study* - Hannah Dahlen, Sally Tracy, Mark Tracy, Charlene Thornton

8- *Factors associated with episiotomy at a Birth Center: results of a cross-sectional study* - Marina Gemma, Flora M. B. da Silva, Bruna D. Alonso, Rosemeire S. de Albuquerque, Nathália R. Borçari.

9- *Profile of labor in high-risk maternity reference the Baixada Fluminense, Rio de Janeiro* - Bernardo Fernandes, Ana Teresa Derraik, Bruno Alencar, Dilza Valim.

**Group 3 & 4: Neonatal care, Postnatal care and Breastfeeding
Chair: Bebeth Moreira (BR)**

1- *Maternal and neonatal outcomes of delivery care by obstetric nurses and midwives: an integrative literature review* - Manuela Beatriz Velho, Odaléa Brüggemann, Bruna Daniela Batista.

2- *Analysis of factors associated with early clamping of the umbilical cord at birth. An opportunity to review good practices in childbirth* - Maria Lansky, Zilma S. N. Reis, Maria Cândida Bouzada, Juliano S. Gaspar, Regina A. P. L. Aguiar, Mario Dias C. Junior.

3- *Skin to Skin in the First Hour: Implications of Labor Medications* - Kajsa Brimdyr, Raylene Phillip, Karin Cadwell, Kristin Svensson, Ann-Marie Widstrom.

4- *Supporting Newborns: 9 Stages During Skin to Skin Contact* - Kajsa Brimdyr

5- *Screening and Anxious Depressive Symptoms in Postpartum Women* - Glauce Cristine F. Soares, Priscilla F. Pereira, Talita Martins, Dulce Maria R. Gualda

6- *Relationship between depressive symptoms in postpartum and maternal self-efficacy in breastfeeding*- Anne Fayma L. Chaves, Livia Maria D. dos Santos, Sabrine R. Feitoza, Karine de C. Bezerra, Mônica O. B. Oriá.

7- *Weight gain in young infants: Are our criteria for daily weight gain expectations accurate?* Cynthia Turner-Maffei.

8- *Perineal trauma after childbirth: data from the Birth in Brazil National Survey*- Simone Diniz, Arthur Schlitz, Debra Bick, Flora Maria B. da Silva.

Sunday, 12 October 2014

Group 2C: Labour and Birth care
Chair: Rosa Domingues (BR)

1- *Association between best practices for labor and delivery and postpartum women satisfaction with delivery care* – Márcia L. Baldisserotto, Mariza Miranda Theme, Silvana Granada.

2- *"Thou shall give birth with pain" meanings of the movement of humanization of childbirth and the CPMI of violence against women* - Denise Yoshie Niy, Cristiane Yukiko Kondo, Deborah Rachel A. Delage Silva, Simone Diniz.

3- *Giving birth in the ABC Paulista: videographic narrative of insecurity, loneliness and sadness* - Denise Yoshie Niy, Deborah Rachel A. Delage Silva, Luciano F. Alves, Simone Diniz.

4- *Normal Birth Centre: a strategy against obstetric violence* - Karin F. Silveira, Maridite C. Gomes de Oliveira, Suzana Kalckmann.

5- *Being a body and being a person: an exploration of childbirth* - Priscilla Hall, Bonnie Mowinski Jennings, Jennifer Foster, Katherine M.

6- *Induction of labour among women with uncomplicated pregnancies: practices, beliefs and experiences among midwives and women* - Rocca-Ihenacho, L.; Castro Cardona, F.; Macfarlane, A.J.

7- *Meanings of childbirth: experiences of women in Birth Center* -Glauce C. Ferreira Soares, Natália R. Salim, Dulce Maria R. Gualda.

8- *The Barkantine Birth Centre: an ethnographic study of the philosophy, culture and practice in an urban freestanding midwifery unit* - Rocca-Ihenacho.

9- *Physiology: from knowledge to spirit* - Céline Lemay.

Groups 5 & 6A: Education and professional qualification and Public policies for women's and newborn's health care
Chair: Camila Schneck (BR)

1- *Where is the best information on caesarean section on the internet?* - Beatriz Fioretti, Maria Torloni, Marília Reiter.

2- *Transformative power of art: can creative images of birth enhance holistic midwifery care?* Uppal, E.

3- *An explorative study of factors contributing to the job satisfaction of primary care midwives* - Catja Warmelink, Therese A. Wiegers, Paul de Cock, Eileen K. Hutton

4- *Humanized management, challenges of Maternity Hospital with high-risk gestational profile in Baixada Fluminense, RJ* - Ana Teresa Derraik, Helton Setta, Dilza Valim, Bernardo Ferraro, Letícia Lopes.

5- *Senses of Birth - Effects of an interactive exhibition in the transformation of the perception of labour and birth - community mobilization for reducing excess caesareans and iatrogenic Prematurity in Brazil.* - Sônia Lansky, Bernardo J. de Oliveira, Maria Helena Bastos, Kleyde Ventura, Rejane Spitz.

6- *Determinants for preference of women about caesarean* - Vitória R. P. Gregório, Fernanda H. S. Copelli, Larissa Rocha, Maria de Fátima M. Zampieri, Zaira A. O. Custódio.

7- *Art, Women and Society - Artistic Intervention in Public Maternity, in São João de Meriti, RJ.* Ana Teresa Derraik, Helton Setta, Tânia Rivera, Viviane Matesco, Roberta Barros.

8- *Improving management of singleton term breech pregnancies - findings from the 'Think Breech' UK intervention study* - Mary Sheridan, Debra Bick, Glenn Robert, Susan Bewley

Group 6B: Public policies for women and newborn health care
Chair: Eleonora D'Orsi (BR)

1- *Myths and truths about the preferences of Brazilians for cesarean delivery* - Reiter, M.; Daher, S; Betrán, A.P.; Torloni, M.R.

2- *Conflicts of interest in health: concept to consider in caesareans* - Deborah R. A. Delage Silva, Denise Yoshie Niy, Simone Diniz.

3- **Labour and birth in Brazil's prisons: law, rights and public health** - Luciana Simas, Bernard Larouzé, Miriam Ventura.

4- *Pregnancy and childbirth during incarceration: between the walls of the prison and hospital* - Vilma Diuana, Alexandra Sanchez, Maria do Carmo Leal, Bernard Larouzé.

5- *Giving birth behind bars in Brazil: the right of mothers to dignity* - Maria do Carmo Leal, Ana Paula E. Pereira, Alexandra Sanchez, Barbara Ayres, Bernard Larouzé.

6- *Incidence of Maternal Near Miss: research data "Birth in Brazil"* - Marcos Dias, Rosa Maria Domingues, Arthur Schilithz, Marcos Nakamura.

7- *Postpartum maternal mortality association with caesarean section – a case-control study in eight Brazilian States* - Ana Paula E. Pereira, Catherine Deneux-Tharoux, Marcos Nakamura, Marcos A. B. Dias, Marie-Hélène Bouvier-Colle, Maria do Carmo Leal.

8- *The complete birth study: complementary therapies for labour and birth: can we reduce epidural rates in first time mothers? Results from a recent mixed methods study* - Kate Levett; Caroline Smith; Hannah Dahlen; Alan Bensoussan.

9- *The use of synthetic oxytocin for induction / conduction of labour in the Southeast region: data from the "Birth in Brazil"* - Paula Galdino C. de Carvalho, Marcel R. Queiroz, Halana F. A. Andrezzo, Simone Diniz.