

# International Maternal Newborn Health Conference 2023

08 May - 11 May 2023

Cape Town International Convention Center, Cape Town, South Africa

**Submission ID :** IMNHC1211

## **QUALI-DEC: complex intervention to improve decision making for caesarean section**

**Submission Status :** Pending Review

**Submission Type :** Panel

**Panel ID :** DXPLD1065

**Category:**Research

**Country:**Argentina, Burkina Faso, Thailand, Vietnam

**Primary Track:**Strengthening Quality of Care

**Secondary Track, If Applicable:**Health Systems and Workforce

**Indicate Whether Your Abstract Has Special Focus On Any Of The Following:**Gender, Private Sector

**Abstract Text:**The overuse of caesarean section diverts scarce resources and thereby reduces access to healthcare for women in need. Caesarean section decision-making is a complex process involving multiple actors at different levels. Changing behaviors to reduce unnecessary cesarean sections presents many challenges for fragile and developing health care systems. The Appropriate use of cesarean section through QUALity DECision-making by women and providers (QUALI-DEC) study aims to implement a four-component intervention of education plus audit for providers and decision aid plus emotional support for women in 32 hospitals in Argentina, Thailand, Vietnam and Burkina Faso. Here we present implementation challenges and successes encountered when implementing this multi-faceted intervention., The implementation strategy allows adaptations of the intervention to fit the context. Formative research in the baseline period assessed the main drivers and barriers to intervention implementation. Communication materials were developed to inform and educate the various stakeholders about the four components. The country-level coordinator conducts quarterly visits to each participating hospital to support the providers and collect data of implementation challenges., The formative research has shown that few local clinical protocols used for labour and delivery management are evidence-based. Most providers were comfortable with the idea of a local opinion leader to promote good clinical practice. After a 5-day training, opinion leaders introduced WHO algorithms to participating hospitals and audit methods to evaluate clinical practices. The Robson classification is well accepted by providers, but its interpretation remains difficult without continuous support. The decision analysis tool to support an informed choice of the mode of delivery is welcomed by women and providers in both versions: a paper-based and web-based application -Providers are fairly supportive to help women choose a companion during labour and delivery, but lack of space and privacy is a main barrier in many contexts. , The combined approach targeting women and providers is necessary to introduce the concept of shared decision making for caesarean section in health care facilities. Such an approach is a real challenge to physician centred models of care and in settings where women are less empowered and demands.

**Ethical Declaration:**Yes

**1. I Confirm That I Submit This Abstract Or Panel On Behalf Of All Authors:**I confirm that I have permission from the authors to submit this abstract on their behalf and that all authors have read and approved the final version of this abstract. I also confirm that the authors listed are the original authors of this abstract. I accept that the content of this abstract cannot be modified or corrected after the submission deadline. I am aware that it will be published exactly as submitted if accepted.

**2. Policy Regarding Previously Presented Findings:**No

**3. Submission Of Your Abstract Constitutes Your Consent To Publication:**If the abstract is accepted, the authors agree that their abstracts are published under the Creative Commons Attribution 3.0 Unported (CC BY 3.0) license. The license allows third parties to share the published work (copy, distribute, transmit) and to adapt it for any purposes, under the condition that IMNHC 2023 and authors are given credit, and that in the event of reuse or distribution, the terms of this license are made clear. Authors retain the copyright of their abstracts, with first publication rights granted to AlignMNH.

**4. I Understand That If My Abstract Is Accepted And I Am Able To Present, I Must Register For The Conference Prior To The Deadline Specified By IMNHC:**Yes

**5. I Understand That All Scholarship Requests Must Be Made By The Presenting Author Through The Scholarship Section Of Your IMNHC Profile By Completing A Scholarship Application Form By December 1, 2022:**Yes, I understand that scholarships are not guaranteed.

**6. I Understand That If I Am The Presenting Author Of This Abstract And Need Support To Participate In The Conference, I Must Apply For A Scholarship By December 1, 2022 Through The Scholarship Section Of My IMNHC Profile:**Yes

**7. I Understand That This Submitted Abstract May Be Shared With IMNHC Organizers For Potential Use In Sessions That Will Be Organized Around The Conference:**Yes

**8. I Understand That If My Abstract Is Accepted For Presentation At IMNHC 2023, It May Be Shared With Conference Sponsors And Media Partners:**Yes

**9. Do You Give Permission For Your Abstract To Be Published In IMNHC Materials?:**Yes

**10. Will The Presenter Be Under The Age Of 35 By May 8, 2023?:**No

**11. I Confirm That All Authors Listed In This Abstract Do Not Have A Financial Or Other Relationship With Any Manufacturer Of Tobacco Products.:**Yes, I confirm that all authors listed in this abstract do not have a financial or other relationship with any manufacturer of tobacco products.

**12. I Confirm That All Authors Listed In This Abstract Have Agreed To Abide By The WHO International Code Of Marketing Of Breast-milk Substitutes:**Yes, I confirm that all authors listed in this abstract have agreed to abide by the WHO International Code of Marketing of Breast-milk Substitutes

Claudia Hanson <sup>1</sup> \*

Karolinska Institutet

Claudia.hanson@ki.se,

Alexandre Dumont <sup>2</sup>

IRD-Université de Paris

alexandre.dumont@ird.fr,

Mac Quo Nhu Hung <sup>3</sup>

Pham Ngoc Thach University

drmacnhuhung@gmail.com,

Charles Paulin Kaboré <sup>4</sup>

Institut de Recherche en Sciences de la Santé

kaborewendyam@yahoo.fr,

Pisake Lumbiganon <sup>5</sup>

Faculty of Medicine, Khon Kaen University

pisake@kku.ac.th,

Guillermo Carroli <sup>6</sup>

Centro Rosarino de Estudios Périnatales Asociación

gcarroli@crep.org.ar,

Ana Pilar Betran <sup>7</sup>

World Health Organization

betrana@who.int,