

# Midwives' contribution to normal childbirth care: Cross-sectional study in public hospitals in Catalonia

<b>Submission date</b> 28/09/2015	<b>Recruitment status</b> No longer recruiting	<input type="checkbox"/> Prospectively registered
<b>Registration date</b> 11/12/2015	<b>Overall study status</b> Completed	<input type="checkbox"/> Protocol
<b>Last Edited</b> 04/01/2023	<b>Condition category</b> Pregnancy and Childbirth	<input type="checkbox"/> Statistical analysis plan
		<input checked="" type="checkbox"/> Results
		<input type="checkbox"/> Individual participant data

## Plain English summary of protocol

### Background and study aims

When a pregnant woman is fit and healthy, it is more likely that she will have a birth without complications that could affect the mother or child's health (normal birth). Studies have shown that there is a great variation in the care that women receive when they are in hospital giving birth. There is also a rising concern that this variability may affect the overall health of the babies that are born (birth outcomes), such as birth weight, or how far along in the pregnancy the mother was before giving birth (gestational age). This study will look at births taking place in public hospitals in Catalonia (Spain) in order to find out how many normal births are attended by midwives, and comparing this to birth outcomes.

### Who can participate?

Healthy women between 18 and 40 years old with a single child pregnancy.

### What does the study involve?

All of the participating hospitals register the information of women who attend the hospital to give birth and record the specific care that she receives during labour, delivery and shortly after birth. The number of births attended by midwives is recorded, as well as recording birth outcomes (health of the baby at the time of birth).

### What are the possible benefits and risks of participating?

There are no direct benefits or risks for participants taking part in the study.

### Where is the study run from?

Hospital General de l'Hospitalet (lead centre) and 12 other public hospitals in Catalonia (Spain)

### When is the study starting and how long is it expected to run for?

September 2015 to December 2017

### Who is funding the study?

Catalonia Nurses Colleges Council (Spain)

Who is the main contact?  
Dr Ramón Escuriet

## Contact information

**Type(s)**  
Scientific

**Contact name**  
Mr Ramón Escuriet

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Riera de Sant Miquel, 61. 1  
Barcelona  
Spain  
08006

## Additional identifiers

## Study information

**Scientific Title**  
MIDwives CONtribution to childbirth care provision versus other health professionals childbirth care provision and BIRTH outcomes in public hospitals in Catalonia

**Acronym**  
MIDCONBIRTH

**Study objectives**  
The aim of this study is to find out the proportion of normal births attended to by midwives in public hospitals in Catalonia.

**Ethics approval required**  
Old ethics approval format

**Ethics approval(s)**  
Comité Ético de Investigación Clínica del Consorci Sanitari Integral, 16/12/2015, ref: 15/74

**Study design**  
Prospective multi-centre cross-sectional study

**Primary study design**  
Observational

**Study type(s)**  
Other

## **Health condition(s) or problem(s) studied**

Pregnancy

## **Interventions**

In this study the intervention considered is the care provided to low risk women during labour, delivery and early postpartum period. This intervention includes all procedures performed during the intrapartum care process. For that purpose, the health professional profile attending to the woman and data related to diagnoses and procedures performed to each woman who meet inclusion criteria will be registered. Each participating hospital will register data from all low risk women being admitted for labour during a four months period or until a representative sample is achieved for each hospital, according to the annual volume of births attended to in the hospital. Participating hospitals will be progressively included during the study period until June 2017.

## **Intervention Type**

Other

## **Primary outcome(s)**

Percentage of low risk births attended to by midwives in public hospitals in Catalonia during the study period.

## **Key secondary outcome(s)**

Outcomes of births attended to by midwives, measured using Bologna Score within 24 hours after birth and before discharge from maternity ward.

## **Completion date**

31/12/2017

## **Eligibility**

### **Key inclusion criteria**

1. Aged between 18 and 40 years
2. Female participants
3. Singleton pregnancy
4. Cephalic presentation of the foetus
5. Labour between 37 and 42 weeks gestation

### **Participant type(s)**

Patient

### **Healthy volunteers allowed**

No

### **Age group**

Adult

### **Lower age limit**

18 years

### **Sex**

Female

**Total final enrolment**

11537

**Key exclusion criteria**

1. High or very high risk during pregnancy
2. Newborn Congenital disease detection after childbirth

**Date of first enrolment**

01/12/2015

**Date of final enrolment**

01/06/2017

## **Locations**

**Countries of recruitment**

Spain

**Study participating centre**

**Hospital General de l'Hospitalet**

Av. Josep Molins, 29-41

L'Hospitalet De Llobregat

Barcelona

Spain

08906

**Study participating centre**

**Hospital Parc Taulí de Sabadell**

Parc Taulí, 1

Sabadell

Barcelona

Spain

08208

**Study participating centre**

**Hospital Sant Joan de Déu de Manresa**

Manresa

Barcelona

Spain

08243

**Study participating centre**  
**Fundació Hospital Sant Joan de Déu de Martorell**  
Av. Mancomunitat Comarcals, 1-3  
Martorell  
Barcelona  
Spain  
08760

## Sponsor information

### Organisation

Catalonia Nurses Colleges Council (Consell de Col·legis d'Infermeres i Infermers de Catalunya)

## Funder(s)

### Funder type

Government

### Funder Name

Catalonia Nurses Colleges Council

## Results and Publications

### Individual participant data (IPD) sharing plan

Not provided at the time of registration

### IPD sharing plan summary

Data sharing statement to be made available at a later date

### Study outputs

Output type	Details	Date created	Date added	Peer reviewed?	Patient-facing?
<a href="#">Results article</a>		12/11/2021	13/12/2021	Yes	No
<a href="#">Interim results article</a>		13/11/2020	04/01/2023	Yes	No
<a href="#">Study website</a>	Study website	11/11/2025	11/11/2025	No	Yes