

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

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

Protocol serial number
N/A

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?
Results article		12/11/2021	13/12/2021	Yes	No
Interim results article		13/11/2020	04/01/2023	Yes	No
Study website	Study website	11/11/2025	11/11/2025	No	Yes