

Improving newborn care and outcomes through training of traditional birth attendants in use of bag and mask resuscitation in three rural districts in Bangladesh

Submission date 27/02/2009	Recruitment status No longer recruiting	<input type="checkbox"/> Prospectively registered
Registration date 06/04/2009	Overall study status Completed	<input type="checkbox"/> Protocol
Last Edited 14/02/2020	Condition category Pregnancy and Childbirth	<input type="checkbox"/> Statistical analysis plan
		<input type="checkbox"/> Results
		<input type="checkbox"/> Individual participant data
		<input type="checkbox"/> Record updated in last year

Plain English summary of protocol

Not provided at time of registration

Contact information

Type(s)

Scientific

Contact name

Prof Anthony Costello

Contact details

University College London (UCL) Institute of Child Health
Centre for International Health and Development
30 Guilford Street
London
United Kingdom
WC1N 1EH
+44 (0)20 7905 2883
a.costello@ich.ucl.ac.uk

Additional identifiers

Protocol serial number

03PC04

Study information

Scientific Title

Improving newborn care and outcomes through training of traditional birth attendants in use of bag and mask resuscitation in three rural districts in Bangladesh: a cluster randomised controlled trial

Acronym

BADAS (Perinatal Care Project)

Study objectives

Will the training of traditional birth attendants (TBAs) in bag and mouth resuscitation improve newborn care and outcomes in three rural districts in Bangladesh?

Ethics approval required

Old ethics approval format

Ethics approval(s)

1. Bangladesh Medical Research Council Ethics Committee gave approval on the 27th February 2005 (ref: BMRC/ERC/2004-2007/1132)
2. Great Ormond Street Hospital/Institute of Child Health Local Research Ethics Committee gave approval on the 14th March 2005 (ref: 03PC04)

Primary study design

Interventional

Study design

Cluster randomised controlled trial

Study type(s)

Treatment

Health condition(s) or problem(s) studied

Maternal and child health

Interventions

The TBAs in both the control and intervention areas all received a basic training package. The intention of the basic training package is for TBAs:

1. To be able to conduct clean and safe deliveries in the community
2. To be aware of danger signs during pregnancy, labour and the post-partum period
3. To increase awareness of danger signs among pregnant women and their families
4. To be prepared to act effectively in an emergency
5. To develop an emergency preparedness plan with pregnant women and their families
6. To refer women to health facilities in the case of emergencies
7. To accompany women who they refer to health facilities to provide additional support
8. To be able to resuscitate babies using mouth-to-mouth resuscitation

In addition to the basic training package the selected TBAs in the intervention areas also received a bag and mask training package. The intention of this training package is to enable TBAs to resuscitate babies who are not breathing at one minute using a bag and mask.

Refresher training is conducted for the basic and resuscitation training packages.

Intervention Type

Other

Phase

Not Applicable

Primary outcome(s)

Newborn mortality, in particular asphyxia related deaths. Neonatal measured prospectively from 1st February 2005 until the end of the trial (31st December 2007). In the event of a stillbirth or a neonatal death, a verbal autopsy is completed, by the mother herself as well as by the health care provider (if present during delivery).

Key secondary outcome(s)

1. Maternal and neonatal home care practices
2. Utilisation of antenatal, delivery and postnatal services

All outcomes measured prospectively from 1st February 2005 until the end of the trial (31st December 2007).

Completion date

31/12/2007

Eligibility**Key inclusion criteria**

1. Women who reside in one of the 18 study communities during the study period
2. Gave birth during the trial period

Participant type(s)

Patient

Healthy volunteers allowed

No

Age group

Adult

Lower age limit

18 Years

Sex

Female

Key exclusion criteria

1. Women who decline to be interviewed or reside outside the study area
2. Women residing in a Tea Estate

Date of first enrolment

01/02/2005

Date of final enrolment

31/12/2007

Locations

Countries of recruitment

United Kingdom

England

Bangladesh

Study participating centre

University College London (UCL) Institute of Child Health

London

United Kingdom

WC1N 1EH

Sponsor information

Organisation

University College London (UCL) Institute of Child Health (UK)

ROR

<https://ror.org/02jx3x895>

Funder(s)

Funder type

Charity

Funder Name

Saving Newborn Lives (SNL) Initiative (Bangladesh) (ref: 264)

Results and Publications

Individual participant data (IPD) sharing plan

IPD sharing plan summary

Not provided at time of registration