

# Australasian Collaborative Trial of repeat doses of corticosteroids for the prevention of neonate respiratory disease

<b>Submission date</b> 18/03/2005	<b>Recruitment status</b> No longer recruiting	<input type="checkbox"/> Prospectively registered <input type="checkbox"/> Protocol
<b>Registration date</b> 17/06/2005	<b>Overall study status</b> Completed	<input type="checkbox"/> Statistical analysis plan <input checked="" type="checkbox"/> Results
<b>Last Edited</b> 04/06/2025	<b>Condition category</b> Neonatal Diseases	<input type="checkbox"/> Individual participant data

**Plain English summary of protocol**  
Not provided at time of registration

## Contact information

**Type(s)**  
Scientific

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## Additional identifiers

**Protocol serial number**  
N/A

## Study information

**Scientific Title**

Australasian Collaborative Trial of repeat doses of corticosteroids for the prevention of neonate respiratory disease

**Acronym**

ACTORDS

**Study objectives**

Primary hypotheses:

Prenatal administration of repeat doses of corticosteroids at weekly intervals to women who remain at risk of preterm birth at less than 32 weeks gestation:

1. Reduces the risk of neonatal lung disease
2. Adversely affects fetal and neonatal measures of growth

Secondary hypothesis:

Prenatal administration of repeat doses of corticosteroids at weekly intervals to women who remain at risk of preterm birth at less than 32 weeks gestation increases the risk of maternal infection

**Ethics approval required**

Old ethics approval format

**Ethics approval(s)**

Not provided at time of registration.

**Study design**

Randomised controlled trial

**Primary study design**

Interventional

**Study type(s)**

Prevention

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

Neonate respiratory distress syndrome

**Interventions**

11.4 mg Celestone Chronodose or saline placebo

**Intervention Type**

Drug

**Phase**

Not Specified

**Drug/device/biological/vaccine name(s)**

Celestone Chronodose

**Primary outcome(s)**

Neonatal respiratory outcomes:

1. Birthweight

2. Length and head circumference at birth
3. Primary discharge from hospital

**Key secondary outcome(s))**

On the mother:

1. Clinical chorioamnionitis requiring intrapartum antibiotics, maternal postpartum pyrexia greater than 38.0°C
2. Other measures of morbidity

On the infant:

Other measures of foetal and neonatal morbidity.

**Completion date**

31/12/2004

**Eligibility****Key inclusion criteria**

1. Women with a singleton, twin or triplet pregnancy
2. Gestational age less than 32 weeks who have received initial treatment of corticosteroid seven or more days ago
3. Responsible clinician considers her to be at continued risk of preterm birth
4. Informed, written signed consent
5. No contraindication to further corticosteroid therapy

**Participant type(s)**

Patient

**Healthy volunteers allowed**

No

**Age group**

Adult

**Sex**

Female

**Total final enrolment**

982

**Key exclusion criteria**

1. Women with chorioamnionitis requiring urgent delivery
2. Women in whom the L/S ratio or equivalent test, if determined, is judged to be mature
3. Women who are in the second stage of labour
4. Women in whom corticosteroid therapy is considered essential
5. No contraindication to further corticosteroid therapy

**Date of first enrolment**

01/01/1998

**Date of final enrolment**

31/12/2004

## Locations

**Countries of recruitment**

Australia

**Study participating centre**

**University of Adelaide**

North Adelaide

Australia

5006

## Sponsor information

**Organisation**

The University of Adelaide (Australia)

**ROR**

<https://ror.org/00892tw58>

## Funder(s)

**Funder type**

Research council

**Funder Name**

National Health and Medical Research Council Project (Australia) (ref: 980185)

## Results and Publications

**Individual participant data (IPD) sharing plan**

Not provided at time of registration

**IPD sharing plan summary**

Not provided at time of registration

**Study outputs**

Date

Date

Peer

Patient-

Output type	Details	created	added	reviewed?	facing?
<a href="#">Results article</a>		10/06/2006		Yes	No
<a href="#">Results article</a>	Twenty-year outcomes	28/05/2025	04/06/2025	Yes	No
<a href="#">Other publications</a>	Outcomes in children at 2 years	20/09/2007		Yes	No
<a href="#">Other publications</a>	Cardiovascular risk factors in children at 8 years		27/10/2022	Yes	No