

Zinc supplementation in very low birth weight neonates

ACTRN12612000823875

Status	RECRUITING
Phase	Phase 3
Sponsor	"V.Betania" Evangelic Hospital of Naples
Enrollment	200 participants

Plain Language Summary

This study tests whether giving zinc supplements to very premature babies (born early or very small) can reduce complications affecting the brain, lungs, and gut. Premature babies often have low zinc levels because they miss out on the zinc normally passed from the mother in the last weeks of pregnancy, which may affect their development.

You may be eligible if:

- Your baby was born weighing between 401 and 1,500 grams, OR
- Your baby was born between 24 and 32 weeks of pregnancy
- Your baby is in a neonatal intensive care unit (NICU)

You may NOT be eligible if:

- There are signs of infection present at birth
- Your baby has an immune disorder, serious birth defect, or genetic condition
- Your baby is critically ill (very low blood pH or prolonged oxygen deprivation)
- Your baby is likely to leave the hospital within the first week

Talk to your doctor about whether this trial might be right for you.

Key Eligibility Criteria

Inclusion (1)

- Newborns with birth weight 401-1500 g or gestational age 24-32 weeks, consecutively observed in Neonatal Intensive Care Units

Exclusion (1)

- congenital or maternal infections, immunodeficiency, malformations, syndrome, genetic defects, evidence of infections and NEC before enrolment, critically ill condition (blood pH < 6.8, or hypoxia with persistent bradycardia for at least 1 hour), and hospitalization less than 1 week

Locations (1 total)

Italy

<https://www.anzctr.org.au/Trial/Registration/TrialReview.aspx?ACTRN=ACTRN12612000823875>

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