

# Investigation Into The Efficacy And Safety Of Sildenafil Versus Natural Progesterone For prevention Of Preterm Labour

## A randomized controlled study

ACTRN12610001017011

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Status	RECRUITING
Phase	Phase 4
Sponsor	waleed elkhayat
Enrollment	60 participants

### Plain Language Summary

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This study is comparing two medications — Sildenafil (commonly known as Viagra, used here as a muscle relaxant) and natural progesterone — to find out which is safer and more effective at preventing premature labor in pregnant women who have had a previous preterm birth. Participants will start the medication between 18 and 24 weeks of pregnancy.

You may be eligible if:

- You are a pregnant woman between 18 and 40 years old
- You are between 18 and 24 weeks pregnant
- You have had at least one previous preterm birth (between 20 and 36 weeks plus 6 days)
- You are not currently having symptoms of preterm labor

You may NOT be eligible if:

- You are carrying twins or more
- Your membranes have already ruptured (waters broken)
- You have vaginal bleeding
- You have diabetes
- You have a history of heart or cardiovascular disease
- You have pre-eclampsia, placenta previa, or significant placenta problems
- Your baby has a congenital abnormality
- You have active liver disease, kidney problems, or a recent stroke or heart attack

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

### Key Eligibility Criteria

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#### Inclusion (2)

- pregnant woman 18-24 weeks gestation , the gestational age was estimated by the date of the last menstrual period and confirmed by fetal growth measurement with ultrasound.
- Asymptomatic pregnant woman with a history of at least 1 previous preterm labour( between 20 and 36 weeks plus 6 days gestational age).

#### Exclusion (10)

- multiple pregnancy
- premature rupture of membrane
- vaginal bleeding

<https://www.anzctr.org.au/Trial/Registration/TrialReview.aspx?ACTRN=ACTRN12610001017011>

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- history of cardiovascular disease
- ... and 5 more (see full listing online)

## Locations (1 total)

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Cairo, Egypt