

How androgens exert their anabolic effects. Interaction of testosterone and growth hormone at the hepatic level.

ACTRN12605000482662

Status	RECRUITING
Phase	Phase 4
Sponsor	Department of Endocrinology, St Vincents Hospital Sydney
Enrollment	36 participants

Plain Language Summary

This study is looking at how testosterone (the main male sex hormone) works together with growth hormone to build body protein. Previous research suggests that testosterone may enhance the effects of growth hormone, particularly in the liver. This trial compares two ways of delivering testosterone — directly to the liver (via capsules) versus to the rest of the body (via a skin patch) — in men who have low testosterone levels due to a hormone condition.

You may be eligible if:

- You are male
- You have been diagnosed with hypogonadism (low testosterone) or hypopituitarism (underactive pituitary gland)
- Your baseline testosterone level is below 2 nmol/L

You may NOT be eligible if:

- There are no additional exclusion criteria listed beyond the inclusion requirements

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

Key Eligibility Criteria

Inclusion (1)

- Hypogonadism or hypopituitarism (baseline T < 2 nmol/L)

Locations (1 total)

Australia