

Department:	Biochemistry		
Site	All sites	Revision No:	4
Document title:	Endocrine Dynamic Function Test Protocols - Adults		

## Cannulated prolactin

### Indication

To exclude stress and/or fear of venepuncture as cause of previously identified hyperprolactinaemia.

### Contraindications

None

### Side Effects

None

### Requirements

- Indwelling cannula
- 3 x brown top serum tubes

### Procedure

#### PATIENT PREPARATION

Patient should rest throughout the test to ensure that stress does not interfere with the test.

Minutes	Procedure	Sample
0	Insert cannula and immediately take sample for Prolactin, LH, FSH, Oestradiol (if Female) or Testosterone (if male)	1 x brown top serum tube
30	Take sample for Prolactin	1 x brown top serum
90	Take sample for Prolactin	1 x brown top serum

### Interpretation of results

Prolactin should decrease from an initial high concentration to normal during the test.

A lack of decrease in prolactin over 90 mins excludes stress as cause of the hyperprolactinaemia and will require further investigation.

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