



## Participate in research

Monday 8 October, 2007

**Title of research:** Corneal Nerve Mapping in Diabetes

**Aim:** To map the nerves in the cornea (the clear part at the front of the eye) of people with and without diabetic peripheral neuropathy and compare these maps with those of non-diabetic controls.

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### participant requirements:

- aged 40-70
- healthy eyes, spectacle wearers or no correction required
- no previous contact lens wear, eye surgery or injury
- no diabetes or other systemic disease
- no neuropathy (inflammation or degeneration of the peripheral nerves, can cause pain or loss of sensation)

### study involves:

- one 2-hour visit to IHBI at QUT's Kelvin Grove Campus
- revealing eye and medical history
- undergoing an examination of the front part of the eye using two standard instruments of different magnification
- completing questionnaire about pain (if applicable) and undergo simple tests of sensations of pain/touch, vibration and temperature
- transport to and from QUT will be provided

Healthy volunteers are needed as the control participants for the study, i.e. people without diabetes. We will compare the nerve maps of people without diabetes or neuropathy to those with diabetes with and without neuropathy

*This study has QUT Human Research Ethics Committee approval UHREC Reference Number: 0600000562*

*Funding for this project is from Juvenile Diabetes Research Foundation International.*

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