

ERUPT Trial: Urethral scarring after radiation treatment for prostate cancer

ACTRN12619000971134

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| Status | RECRUITING |
| Sponsor | Icon Cancer Foundation |
| Enrollment | 350 participants |

Plain Language Summary

External beam radiotherapy is a common treatment for prostate cancer, but it can sometimes cause scarring in the urethra (the tube you urinate through), known as a urethral stricture. This condition can make urination difficult and may require further procedures to treat. Despite this being a known risk, there is currently very little research tracking how often it happens.

This study aims to measure how frequently urethral strictures develop in men undergoing radiotherapy for prostate cancer. Participants simply attend follow-up assessments every six months for five years, which include answering some questions and doing a non-invasive urine flow test (urinating into a flow meter) that takes about 10 minutes.

You may be eligible if you are a man over 18 having external beam radiotherapy for prostate cancer at Icon Cancer Centre in Toowoomba. Men who have previously had pelvic radiotherapy for another cancer or who have had urethral strictures in the past are not eligible.

Key Eligibility Criteria

Inclusion (1)

- All adult men >18 years of age who undergo external beam radiotherapy for prostate cancer between August 2020 and July 2023

Exclusion (2)

- Men who have previously had pelvic external beam radiotherapy for other cancers
- Men who have had previous urethral strictures or treatment for urethral strictures.

Locations (3 total)

Toowoomba Hospital - Toowoomba, QLD, Australia
St Andrew's Toowoomba Hospital - Toowoomba, QLD, Australia
Icon Cancer Centre Toowoomba - Toowoomba, QLD, Australia