

PROJECT DETAILS

Project Title:

Exercise and nutrition improve survivorship for patients with Endometrial Cancer

Project Summary:

Endometrial cancer is the most common gynaecological cancer in Australia. While cancer survival outcomes are good, the high prevalence of obesity and weight-related medical comorbidities result in increased risks for treatment complications as well as developing and dying of cardiovascular disease. The aim of this project is to improve the cardiovascular risk profile of endometrial cancer patients through a combined exercise and nutrition program. As obesity rates continue to increase, the number of women diagnosed with endometrial cancer is expected to rise. Developing strategies to reduce cardiovascular risk in survivorship will bridge a significant gap in research and clinical care for this population with the potential to improve health status and longevity in cancer survivorship.

Preferred Applicant Skillset:

Background in exercise physiology/clinical exercise physiology and preferably experience working with cancer patients in the exercise setting. The PhD candidate should possess the skills and experience in the assessment of muscle strength and function and be capable of leading exercise sessions. The ability to work independently and as part of a team is required as is a sound understanding of research design and statistical analysis. Evidence of prior publication would be beneficial.

Internship opportunity:

This student would have the opportunity to be embedded in clinical research with Clinical Professor Paul Cohen, at King Edward Memorial Hospital. The successful candidate will have access to a 3-month internship placement at our in-house exercise clinic. This placement will provide hands-on experience in clinical exercise prescription for complex patient populations, exposure to multidisciplinary cancer care teams, and practical skills in patient assessment and program delivery. The internship will enhance the candidate's clinical competencies. Specific placement details will be tailored to the candidate's career goals, research interests and knowledge gaps.

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