



RACP Foundation Research Awards

FINAL REPORT

Project / Program Title		MSK Ultrasound course
Name		Dr Angela Wills
Award Received		2018 AFRM Education Development Grant
Report Date		20 April 2020
Funding Period	Start Date:	1 November 2018
	Finish Date:	31 December 2018

PROJECT SUMMARY

Funds from the educational development grant were used to develop my ultrasound skills via the musculoskeletal ultrasound course at the Australian Institute of Ultrasound in November 2018.

PROJECT AIMS / OBJECTIVES

Objectives:

- Learn the basic principles of ultrasound
- Use the ultrasound to screen for musculoskeletal conditions
- Use the ultrasound to for guided injections
- Be able to teach colleagues the basics of how to use the ultrasound at the bedside

SIGNIFICANCE AND OUTCOMES

This award afforded an opportunity to acquire high level musculoskeletal ultrasound skills, which opened up the possibility for safe and effective ultrasound use in the ambulatory care and outreach setting. I have used these skills to provide US guided corticosteroid injections and botulinum toxin A injections to people at home who could not access the outpatient clinic during the Covid-19 pandemic as well as people in the hospital and outpatient settings.

Being able to use the US has improved my delivery of patient care and given disadvantaged patients access to treatments that previously were too difficult to access.

I tried to pass on some of the knowledge I gained through this course to my peers regarding US technique, musculoskeletal landmarks, as well as a few "hot tips" regarding injection technique.

I included US related tips in my Greenslopes Private Hospital grand rounds as well as a formal registrar teaching session at Rehab + Fitness and a one on one teaching session with my supervisor and colleagues. I plan to continue to use the US in the ambulatory setting and continue to teach others the skills that I have learned. These skills will no doubt be useful as I pursue an interventional pain fellowship.