



**A SAFETY COURSE IN:  
LASER, ENERGY BASED DEVICES AND SURFACE ACTIVE PROCEDURES  
Friday, 15 May 2020 1.30pm-6.00pm  
Australasian College of Dermatologists ASM, Convention Centre, Adelaide**

*Section 1: Lasers and light sources*

Time	Topic	Presenter
1:30pm-1:40pm	Introduction to what is designed for the session	Greg Goodman
1:40pm-1:55pm	Properties and physics of different types of lasers and light sources	Lee Collins
1:55pm-2:25pm	Laser and IPL Safety Classification 1. Laser and IPL Hazards a. Beam b. Non Beam c. Protective standards	Lee Collins
2:25pm-2:40pm	Setting up a laser room	Lee Collins
2:40pm-2:55pm	Operational characteristics of: a. lasers b. IPL c. and LED	Adrian Lim
2:55pm-3:10pm	Light - tissue interactions	Shyamala Huilgol
3:10pm-3:30pm	Delivery systems and including servicing of equipment	Phil Schramm

*3:30pm-4:00pm Afternoon tea*

*Section 2: Safety with other non-laser/IPL/LED technologies:*

Time	Topic	Presenter
4:00pm-4:15pm	Radiofrequency	Belinda Welsh
4:15pm-4:30pm	Micro-focused Ultrasound	John Sullivan
4:30pm-4:45pm	Cryolipolysis	Shobhan Manoharan
4:45pm-5:00pm	Needling	Nina Wines
5:00pm-5:15pm	Chemical Peeling	Phil Artemi

*Section 3: Ancillary Knowledge requirements*

Time	Topic	Presenter
5:15pm-5:30pm	Pre and post care	Belinda Welsh
5:30pm-5:45pm	The importance of skin type in treatments	Kyoko Shirato
5:45pm-6:00pm	What a LSO should know	John Sullivan

**COURSE LEARNING OUTCOMES**

- Identify the underlying physics and principles by which Energy Based Devices operate
- Understand the tissue interactions at play when using Energy Based Devices
- Recognise the legal considerations for the use of Energy Based Devices in Australia
- Incorporate safety precautions required when using Energy Based Devices into clinical practice
- Develop safety plans for the use of equipment in a clinical setting
- Select appropriate technologies for a variety of clinical presentations
- Formulate appropriate Pre and Post Care regimens.