



# ADVANCED PHYSIOLOGY SEMINAR

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**DATES:**

31 July 2019 in Sydney

21 August 2019 in Brisbane

**TIME:** 8:30AM – 4:30PM

**COST:** \$305.00

PAYMENT PLANS AVAILABLE

**CPD:** 7

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## One-day seminar – fully catered

To truly offer a holistic approach to the care of complex patients, nurses should embrace the raw sciences that inform and justify decisions when time is critical. Giants like physiology and anatomy, pathophysiology and pharmacology are taught in under-grad and post-grad programs, but outside of the hallowed halls of an academic institution, our CPD and in-service rarely refreshes those core concepts that inform practice.

Content includes:

- Cell physiology, Hypoxia and Lactate production
- Energy, Acid/base balance (ABG analysis)
- The lethal Triad – Acidosis, Hypothermia and Coagulopathy
- Sepsis and its predictable pathophysiological deterioration into shock
- Respiratory failure, PF ratio/ VQ mismatch
- Acid/base balance (ABG analysis)
- Ischaemic pathophysiology and the formation of a thrombus

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## Advanced Physiology Seminar

Times	Advanced Physiology Refresher
8:30	Introduction – house keeping
8:45	Physiology overview – Cells, Lactate and Acidosis
10:30 – 10:45 Morning Tea	
10:45	Respiratory and Gas exchange physiology Normal ABGs vs Deviation and Compensation
12.30 – 1:00 Lunch	
1:00	Respiratory Failure, VQ, PF ratio and ARDS Coagulation and MI clot formation
3:00 – 3:15 Afternoon Tea	
3:15	Sepsis and its progression into shock
4:30	Finish

N.B. Please note that this timetable is indicative only and is subject to change.

***Putting the science into the art of nursing***