



# CRITICAL CARE IMAGING INTERPRETATION

## COURSE OVERVIEW

Diagnostic imaging and interpretation have become essential to guide intensive care practice and patient management. The ability to interpret critical care images is becoming even more essential in handling emergency situations and making confident decisions.

Our Critical Care Imaging Interpretation course equips healthcare professionals with vital skills for interpreting imaging in high-stakes environments. This comprehensive course covers X-ray, ultrasound, CT, and MRI imaging of critical brain, skull, chest, abdomen, and pelvis pathology commonly encountered in intensive care and emergency settings.

Through engaging lectures, quizzes, and interactive case reviews, participants will strengthen their diagnostic confidence and deepen their understanding of key imaging principles for critical care.

## 2025 COURSE DATES

FJI  
21-24 July

NOOSA  
8 November

NISEKO  
19-22 January, 2026

## PRE COURSE MODULES (ONLINE)

|         |   |
|---------|---|
| ITRM101 | Ultrasound to X-Ray                     |
| ITRM102 | Introduction to Ultrasound              |
| ITRM103 | Introduction to CT                      |
| ITRM104 | Introduction to MRI                     |
| ANAT201 | CT Anatomy - Brain (Axial)              |
| ANAT202 | CT Anatomy - Cervical Spine (Axial)     |
| ANAT205 | CT Anatomy - Chest (Axial)              |
| ANAT207 | CT Anatomy - Abdomen and Pelvis (Axial) |

## COURSE CURRICULUM

|                 |   |
|-----------------|---|
| <b>MODULE 1</b> | IMAGING OF THE BRAIN & SKULL<br>CT & MRI: Haemorrhage, Herniation, DAI, Infarction + infection<br>Includes lecture, quiz and case reviews.                          |
| <b>MODULE 2</b> | IMAGING OF THE CHEST<br>X-Ray, Ultrasound, + CT: Cardiomedastinum, Airways, Lungs + Pleura<br>Includes lecture, quiz and case reviews.                              |
| <b>MODULE 3</b> | IMAGING OF THE ABDOMEN/PELVIS –<br>X-Ray, Ultrasound, CT + MRI (Part 1): Solid Viscera<br>Includes lecture, quiz and case reviews.                                  |
| <b>MODULE 4</b> | IMAGING OF THE ABDOMEN/PELVIS<br>X-Ray, Ultrasound, CT + MRI (Part 2): Hollow Viscera, Vessels, Retroperitoneum + Nodes<br>Includes lecture, quiz and case reviews. |



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