

James Cook University Hospital Maternal Critical Care Course

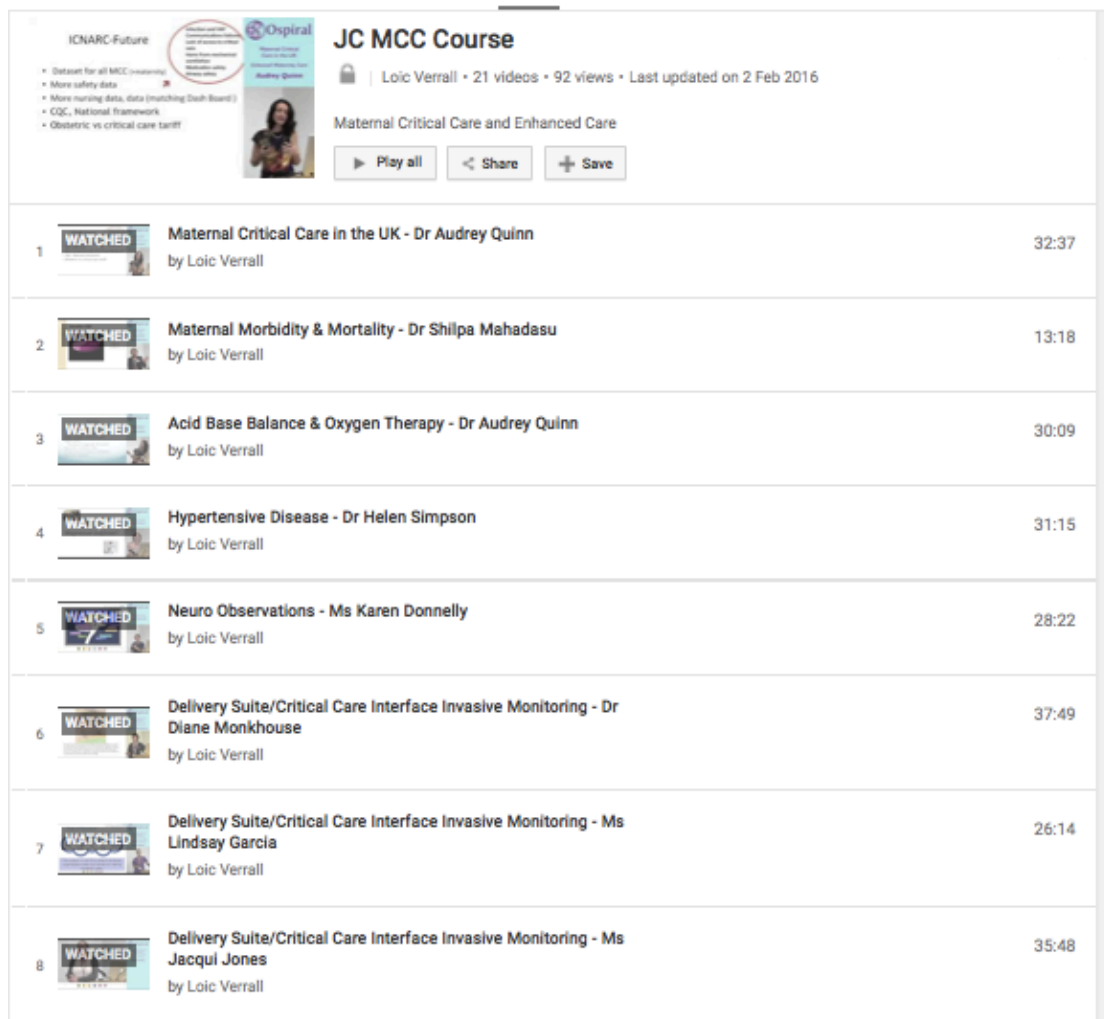
Dr Audrey Quinn **Dr Shilpa Mahadasu**

Welcome and thanks for applying to our Maternal Critical Care MCC course, consisting of the most recent MCC curriculum given by local clinicians in the Northern region and experts in their field.

By registering on the course and streaming the content you are agreeing to our terms. Under no circumstances can you download, reproduce or redistribute the video podcasts that are the intellectual property of James Cook University Hospital and its employees, the lecturers.

You can access the private YouTube site
<https://youtu.be/WbhKfYqo9bA>

You will be directed to the screen below and you can click on each lecture in turn in the given order as you decide and repeat as many times as you wish within your given time which will be individually agreed by the course organisers.



The screenshot shows a YouTube playlist interface for the 'JC MCC Course'. The playlist is locked and contains 21 videos with 92 views, last updated on 2 Feb 2016. The video title is 'Maternal Critical Care and Enhanced Care'. Below the title are buttons for 'Play all', 'Share', and 'Save'. The playlist contains 8 items, each with a 'WATCHED' icon, a video thumbnail, the video title, the uploader's name, and the duration.

Item Number	Video Title	Uploader	Duration
1	Maternal Critical Care in the UK - Dr Audrey Quinn	by Loic Verrall	32:37
2	Maternal Morbidity & Mortality - Dr Shilpa Mahadasu	by Loic Verrall	13:18
3	Acid Base Balance & Oxygen Therapy - Dr Audrey Quinn	by Loic Verrall	30:09
4	Hypertensive Disease - Dr Helen Simpson	by Loic Verrall	31:15
5	Neuro Observations - Ms Karen Donnelly	by Loic Verrall	28:22
6	Delivery Suite/Critical Care Interface Invasive Monitoring - Dr Diane Monkhouse	by Loic Verrall	37:49
7	Delivery Suite/Critical Care Interface Invasive Monitoring - Ms Lindsay Garcia	by Loic Verrall	26:14
8	Delivery Suite/Critical Care Interface Invasive Monitoring - Ms Jacqui Jones	by Loic Verrall	35:48

This course at James Cook has been set up primarily to provide teaching on diseases commonly encountered in the “Obstetric HDU” or Enhanced Maternity Care (EMC) on maternity units but also around the general hospital environment. We will cover the basic pathophysiology, the signs and symptoms, the medical treatment and the consequent obstetric and nursing/midwifery implications. It is generally believed that the skill and knowledge base of those caring for these patients is stretched beyond its limit and that specialised in-depth discussion on specific areas is required to ensure the best use of staff and optimum patient care: the management of the standard obstetric complications such as severe pre-eclampsia or massive maternal haemorrhage as well as the increasing number of patients with medical co-morbidities, the so-call “indirect” causes of maternal morbidity and mortality.

AIMS

The aim of the course is to provide theoretical and practical teaching on (a) fundamental diseases of pregnancy and (b) on the management of the mother requiring maternity enhanced care. It includes discussion of the causes, signs and symptoms, treatment and complications of the commoner diseases of pregnancy and childbirth and the general principles of recognising and managing basic airway, breathing and circulatory problems in all these patients, but especially the post-operative patient or in those with pre-existing medical conditions.

We also hope that this will provide a forum in which to updates on the implications of complex or new medical/obstetric or anaesthetic techniques on their nursing management throughout the department of obstetrics and not just the EMC environment.

OBJECTIVES

- To understand the principles of cardiovascular, respiratory, renal, hepatic, endocrine and haematological failure and their general management
- To understand the suggested causes, the signs and symptoms, treatment and complications of pre-eclampsia and Hypertensive disease in pregnancy
- To understand the causes, signs and symptoms, treatment and complications of massive maternal haemorrhage and other causes of maternal collapse
- To appreciate the variety of anaesthetic and analgesic techniques on delivery suite, their indications, complications and treatment
- To understand the aspects of advances life support relevant to maternity enhanced Care MEC
- To understand the need for and the place of MEC and the critical care interface
- To discuss relevant applied physiology and pharmacology of common MEC conditions and their treatments
- To be familiar with common obstetric issues from the intensive care perspective

- To discuss common patient- and relative- centred issues and rehabilitation topics of relevance to the MEC/MCC patient
- To understand the importance of the MEC/MCC collaboration and associated team factors to be considered in delivering good clinical care
- To be competent in obstetric BLS, and ALS relevant to obstetrics and MEC including AED devices and rhythm recognition

The lectures have previously been covered in 2 days so you will need to reserve this time for at least one run through. You will need wifi to stream these files and it is unlikely the Trust computers will support this so you may need to do this work at home or on your mobile device

Maternal Critical Care in the UK <i>Maternity Enhanced Care</i>	Dr Audrey Quinn Consultant Anaesthetist
Maternal Morbidity & Mortality Patients, Dataset & Leading MCC	Dr Shilpa Mahadasu Consultant Obstetrician
Acid base balance & O ₂ therapy	Dr Audrey Quinn Consultant Anaesthetist
Hypertensive disease	Dr Helen Simpson Consultant Obstetrician
Neuro Observations	Karen Donnelly Critical care nurse
Delivery suite/critical care interface Invasive monitoring	Diane Monkhouse Consultant Intensivist
Critical care & outreach	Lindsay Garcia Critical care nurse
Sepsis, infection (IPC)	Jackie Jones SEPSIS NURSE
Delivery suite/critical care interface	Ms Angela Richter, mother, patient, outreach nurse
Pain management and drug therapy	Dr Mike Tennant Consultant Anaesthetist
CVS physiology & rhythm recognition	Dr Claire Williams Consultant Anaesthetist
Cardiac disease in pregnancy	Dr Mike Stewart
Early recognition of critical illness, MEOWS & escalation	Dr Tim Meek Consultant Anaesthetist

Maternal collapse	Dr Rebekah Thomson Consultant Anaesthetist
Fluids and management (incl PPH)	Dr James Winnard Consultant Anaesthetist
Diabetes and Endocrine disorders in pregnancy	Prof Bilous Professor of Endocrinology
Renal Failure	Steve Kardasz Consultant renal physician
Coagulation disorders	Diane Plews
Connective tissue diseases in Pregnancy	Dr Sanjay Pathare
Human Factors & MCC	Dr Ian Hunter Consultant Anaesthetist
Trauma in Pregnancy	Dr Andy Maund

The BABY LIFELINE Practical Study Day complements the video podcast course and takes place in Birmingham on June 28th 2016. More details to follow. Please contact the Baby lifeline team and register for the day on <http://babylifelinetraining.org.uk/home/courses/maternal-critical-care/>

BABY LIFELINE Study Day

June 28th 2016

Trauma in Pregnancy	Audrey Quinn/Andy Maund
SIMMOM & Workshop & CBDs	Baby lifeline team including Audrey Quinn, Shilpa Mahadasu, Meneni, Manoharan, Swan, Maund, Lee Wright
Lunch	

MCQ Questions	
END	

We hope you will enjoy our course and provide us with lots of feedback. We will send you the relevant paperwork over the next 2 month period while you stream the video podcasts. Please get in touch on Audrey.quinn@me.com if you have any problems.