# 2024 November – ACM Facilitator Handout

Version 1.0 – 20 Nov 2024

## Course aim:

* To provide an update and refresher to the management of cardiac arrest in the context of perioperative patient care
* To encourage participant engagement by utilising interactive learning tools

## Facilitator List

* Libia Machado
* Tim McIver
* Raphael Pyo
* Bec Zhao
* Pat Beall
* Heidi Thies
* Anthony Jun
* Chris McGugan-Wevill

## Course Structure:

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| **0730-0800** | Setup Participants sign-in  Facilitator huddle | Foyer |
| **0800-0810** | Introduction | Seminar room 2 |
| **0810-0900** | ALS Lecture | Seminar room 2 |
| **0900-0930** | 3 Workshops:  Participants divided into 3 groups and rotate through | Tutorial room  Sim lab 1  Sim lab 2 |
| **0930-1000** |
| **1000-1030** |
| **1030-1100** | Break | Foyer |
| **1100-1145** | Sim lab orientation + Sim | Sim lab 1  Sim lab 2 |
| **1145-1200** | Sim debrief | Group 1: Tutorial room Group 2: Tutorial room |
| **1200-1230** | Evaluation, Course end Course debrief | Seminar room 2 |

## Introduction, ALS Lecture

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| **Facilitator** | RP/TM |
| **Participant setup** | Whole group in seminar room |
| **Allocated time** | 1 hour |
| **Setup required** | * Participant handout with QR code for course resources * AV set up * PPT * PollEV * Timer at back of room for the speaker |

## Workshop A – COACHED:

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| **Aim** | Defibrillator safety  COACHED drill |
| **Facilitator** | Heidi Thies  Libia Machado |
| **Participant setup** | Participants divided into 3 groups  Each group rotates |
| **Allocated time** | 28 minutes (+ 2 minute set-up time) |
| **Setup required** | * Mannikin * **Airway/Breathing**: Hudson mask, Face mask, Ambu bag * **Circulation**: IV giving set, defibrillator, defib simulator, ALS drugs (Adrenaline, Amiodarone) * Pen + Paper + Clipboard * ALS algorithms printed out |

## Workshop B – Paediatric ALS:

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| **Aim** | Refresher on paeds ALS  Scenario/simulation based exercise |
| **Facilitator** | Bec Zhao |
| **Participant setup** | Participants divided into 3 groups  Each group rotates |
| **Allocated time** | 28 minutes (+ 2 minute set-up time) |
| **Setup required** | * Mannikin (2-4yo) * **Airway/Breathing**: Hudson mask, Face mask, Ambu bag * **Circulation**: IV giving set, defibrillator, defib simulator, ALS drugs (Adrenaline, Amiodarone) * Pen + Paper + Clipboard * ALS algorithms printed out |

## Workshop C – EZ-IO:

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| **Aim** | Refresher on EZ-IO  Hands-on experience using EZ-IO for cardiac arrest |
| **Facilitator** | Pat Beall |
| **Participant setup** | Participants divided into 3 groups  Each group rotates |
| **Allocated time** | 28 minutes (+ 2 minute set-up time) |
| **Setup required** | * EZ-IO training kit |

## Simulation:

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| **Aim** | Consolidation of course material through immersive simulation activity |
| **Facilitator** | Group 1: Tim McIver/Heidi Thies  Group 2: Libia Machado/Pat Beall |
| **Participant setup** | Participants divided into 2 groups  Sims to run simultaneously |
| **Allocated time** | 10 minute sim lab orientation  30 minute simulation  20 minute debriefing |
| **Setup required** | * As outlined in simulation scenario |