

ADVANCED PAEDIATRIC LIFE SUPPORT COURSE 2022

### APLS COURSE PROGRAM: [LOCATION] - DAY 1 – [DATE]

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| 0900 – 1000 | FACULTY MEETING  & [Instructor Development](https://f.hubspotusercontent10.net/hubfs/7416869/resources/pages/CDC%20Update%20for%20Instructors_June2020_v1.pdf) | All faculty |
| 0945 - 1000 | Registration | Candidates |
| 1000 - 1030 | [Welcome and Aims](https://f.hubspotusercontent10.net/hubfs/7416869/resources/pages/Welcome%20Aims_2020_%20Covid-19.pptx) |  |
| 1030 - 1115 | Interactive Plenary:  [*Cardiac Arrest and Advanced Life Support*](https://f.hubspotusercontent10.net/hubfs/7416869/resources/pages/Review%20of%20Paediatric%20BLS%20%26%20ALS_6e_0.pptx) *(*[*instructor notes*](https://f.hubspotusercontent10.net/hubfs/7416869/resources/pages/Review%20of%20Paediatric%20BLS%20%26%20ALS_%20Instructor%20Notes_6e.docx)*)*  Including approach to neonatal resuscitation  Aims:  -Early interaction between faculty and candidates  -To recall and consolidate online learning and demonstrate:   * Knowledge of sequence of BLS/ALS algorithms * Knowledge of key priorities in neonatal resuscitation | Led by:  Candidates in their colour groups  Min 1 instructor per group - allocate as mentor group |
| 1115 – 1215  18 candidates divided into 2 groups of 9 | Basic & Advanced Life Support Skill Stations  [Airway Patency & Ventilation](https://f.hubspotusercontent10.net/hubfs/7416869/resources/pages/Airway%20Patency%20Ventilation%20skill%20station%20July%202020%20V3.pdf) (A) (revised)  [Airway Patency & Ventilation](https://f.hubspotusercontent10.net/hubfs/7416869/resources/pages/Airway%20Patency%20Ventilation%20skill%20station%20July%202020%20V3.pdf) (B) (revised)  [BLS/AED/Defib & Rhythms](https://f.hubspotusercontent10.net/hubfs/7416869/resources/pages/BLS_Defib_AED_6e%20July%202020.pdf) (C) – Group 1  [BLS/AED/Defib & Rhythms](https://f.hubspotusercontent10.net/hubfs/7416869/resources/pages/BLS_Defib_AED_6e%20July%202020.pdf) (D) – Group 2  [BLS/AED/Defib & Rhythms](https://f.hubspotusercontent10.net/hubfs/7416869/resources/pages/BLS_Defib_AED_6e%20July%202020.pdf) (E) – Group 3 | X 3  X 3  **Pre allocate: Lead Facilitator(F) & Choke/BLS/Defib Demonstrators**  X 2  X 2  X 2 |
| 1215 - 1300 | LUNCH |  |
| 1300 - 1400 | Basic & Advanced Life Support  Skill Stations  Cont’d as above | Cont’d |
| 1400 - 1430 | [Demonstration](https://f.hubspotusercontent10.net/hubfs/7416869/resources/pages/Demonstration%20Cardiac%20Scenario%20Aug%202020.pdf)  Cardiac Scenario  Including “ground rules” and orientation to scenarios  (Instructor resources: [Facilitating Scenarios](https://f.hubspotusercontent10.net/hubfs/7416869/resources/pages/Instructor%20Resource_Facilitating%20Scenarios_0.docx); [Scenario Teaching Instructor Guide](https://f.hubspotusercontent10.net/hubfs/7416869/resources/pages/Scenario%20Teaching%20-%20Instructor%20Guide_6e%202020_.pdf); [Post-Scenario Debriefing)](https://f.hubspotusercontent10.net/hubfs/7416869/resources/pages/Post%20simulation%20debriefing_June2017%20%281%29.docx) | Instructor:  Debriefer:  Candidate:  Assistants x2: |
| 1430 - 1630 | [Cardiac Scenario Teaching Sessions](https://www.apls.org.au/course-materials) (3 x 40 mins)  [Cardiac Scenario A](https://f.hubspotusercontent10.net/hubfs/7416869/resources/pages/Cardiac%20Scenarios%20Aug%202020%20A%201_2.pdf)  - scenario 1 / 2  [Cardiac Scenario B](https://f.hubspotusercontent10.net/hubfs/7416869/resources/pages/Cardiac%20Scenarios%20Aug%202020%20B%203_4.pdf)  - scenario 3 / 4  [Cardiac Scenario C](https://f.hubspotusercontent10.net/hubfs/7416869/resources/pages/Cardiac%20Scenarios%20Aug%202020%20C%205_6.pdf)  - scenario 5 / 6  OR use [Scenario 7 & 8](https://f.hubspotusercontent10.net/hubfs/7416869/resources/pages/Cardiac%20Scenarios%20Aug%202020%20D%207_8.pdf) if preferred |  |
| 1630 - 1640 | Meet with mentor/mentee TEA/COFFEE | All faculty & candidates |
| 1640 - 1700 | FACULTY MEETING | All faculty |
| 1700 - 1800 | Practical skills testing   1. [BLS](https://f.hubspotusercontent10.net/hubfs/7416869/resources/pages/APLS%20Skills%20Testing_6e%20BLS%20July%202020.pdf) [Defibrillation](https://f.hubspotusercontent10.net/hubfs/7416869/resources/pages/Testing%20-%20Defib%20July%202020.pdf) (2 instructors/station) 2. [Airway](https://7416869.fs1.hubspotusercontent-na1.net/hubfs/7416869/resources/pages/Testing%20-%20Airway%20Patency%20&%20Ventilation%20May%202022.docx) | 1.  2.  3. |
| 1815 | FACULTY MEETING | All faculty |



ADVANCED PAEDIATRIC LIFE SUPPORT COURSE 2022

### APLS COURSE PROGRAM: [LOCATION] - DAY 2 – [DATE]

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| 0800 - 0845 | [Serious Illness Interactive Plenary:](https://f.hubspotusercontent10.net/hubfs/7416869/resources/pages/Serious%20Illness%20Plenary_6e.pptx)  *Structured approach to serious illness* Aim: To recall and consolidate online learning and demonstrate:   * The structured approach to the seriously ill child * The clinical assessment sequence to identify life-threatening illness in a child. [(instructor notes)](https://f.hubspotusercontent10.net/hubfs/7416869/resources/pages/Serious%20Illness%20Plenary_Facilitator%20ppt_6e.%20notes.pdf) [(activity)](https://f.hubspotusercontent10.net/hubfs/7416869/resources/pages/Day%202,%20AM%20Serious%20Illness%20Plenary_Activity%20sheet%20A4%20b%26w_6e.docx) | Led by:  Assistant: |
| 0845 - 0945 | [Workshops on Seriously Ill Child](https://f.hubspotusercontent10.net/hubfs/7416869/resources/pages/Workshops_Instructor%20Guide_0.docx) (2x 30 mins)  1. [Pain Management](https://f.hubspotusercontent10.net/hubfs/7416869/resources/pages/Pain%20Management%20Update%20Nov%202019%20V3.pptx)  2. [Fluid and Electrolytes](https://f.hubspotusercontent10.net/hubfs/7416869/resources/pages/Fluid%20%26%20Electrolytes.pptx)  3. [Sepsis](https://f.hubspotusercontent10.net/hubfs/7416869/resources/pages/Septic%20Child_March%202019.pptx)  4. [Transportation (ppt)](https://f.hubspotusercontent10.net/hubfs/7416869/resources/pages/Stabilisation%20%26%20transfer.pptx) [(word)](https://f.hubspotusercontent10.net/hubfs/7416869/resources/pages/Stabilisation%20%26%20transfer%20workshop%20_notes%20for%20instructors.docx) | 1.  2.  3.  4. |
| 0945 - 1000 | TEA/COFFEE |  |
| 1000 - 1100 | Workshops on Seriously Ill Child (2x 30 mins)  Cont’d | Cont’d |
| 1100 - 1120 | [Demonstration](https://f.hubspotusercontent10.net/hubfs/7416869/resources/pages/Demonstration%20Illness%20Scenario%20Aug%202020.pdf)  Illness Scenario | Instructor:  Debriefer:  Candidate:  Assistants x2: |
| 1120 – 1200  Scenario 1&2  1200 - 1240  Scenario 3&4 | [Illness Scenario Teaching Sessions](https://vimeo.com/359475368/cbe178b1e9) (2x 40 mins)  [Serious Illness A](https://f.hubspotusercontent10.net/hubfs/7416869/resources/pages/Illness%20Scenarios%20Aug%202020%20A%201_2.pdf) & B 1 - scenario 1/2 [+ 3/4](https://f.hubspotusercontent10.net/hubfs/7416869/resources/pages/Illness%20Scenarios%20Aug%202020%20B%203_4.pdf)  [Serious Illness A](https://f.hubspotusercontent10.net/hubfs/7416869/resources/pages/Illness%20Scenarios%20Aug%202020%20A%201_2.pdf) & B 2 - scenario 1/2 [+ 3/4](https://f.hubspotusercontent10.net/hubfs/7416869/resources/pages/Illness%20Scenarios%20Aug%202020%20B%203_4.pdf)  [Serious Illness A](https://f.hubspotusercontent10.net/hubfs/7416869/resources/pages/Illness%20Scenarios%20Aug%202020%20A%201_2.pdf) & B 3 - scenario 1/2 [+ 3/4](https://f.hubspotusercontent10.net/hubfs/7416869/resources/pages/Illness%20Scenarios%20Aug%202020%20B%203_4.pdf) | 1.  2.  3. |
| 1240 - 1320 | LUNCH |  |
| 1320 - 1440 | Illness Scenario Teaching Sessions (2x 40 mins)  [Serious Illness C](https://f.hubspotusercontent10.net/hubfs/7416869/resources/pages/Illness%20Scenarios%20Aug%202020%20C%205_6.pdf)  - scenario 5 / 6  [Serious Illness D](https://f.hubspotusercontent10.net/hubfs/7416869/resources/pages/Illness%20Scenarios%20Aug%202020%20D%207_8.pdf)  - scenario 7 / 8  [Serious Illness E](https://f.hubspotusercontent10.net/hubfs/7416869/resources/pages/Illness%20Scenarios%20Aug%202020%20E%209_10.pdf)  - scenario 9 / 10 | 1.  2.  3. |
| 1440 - 1450 | BREAK |  |
| 1440 – 1530  1530 – 1610 | Illness Scenario Teaching Sessions (2x 40 mins)  [Serious Illness C](https://f.hubspotusercontent10.net/hubfs/7416869/resources/pages/Cardiac%20Scenarios%20Aug%202020%20C%205_6.pdf)  - scenario 5 / 6 & [F 11/12](https://f.hubspotusercontent10.net/hubfs/7416869/resources/pages/Illness%20Scenarios%20Aug%202020%20F%2011_12.pdf)  [Serious Illness D](https://f.hubspotusercontent10.net/hubfs/7416869/resources/pages/Illness%20Scenarios%20Aug%202020%20D%207_8.pdf)  - scenario 7 / 8 & [F 11/12](https://f.hubspotusercontent10.net/hubfs/7416869/resources/pages/Illness%20Scenarios%20Aug%202020%20F%2011_12.pdf)  [Serious Illness E](https://f.hubspotusercontent10.net/hubfs/7416869/resources/pages/Illness%20Scenarios%20Aug%202020%20E%209_10.pdf)  - scenario 9 / 10 & [F 11/12](https://f.hubspotusercontent10.net/hubfs/7416869/resources/pages/Illness%20Scenarios%20Aug%202020%20F%2011_12.pdf) | 1.  2.  3. |
| 1610 - 1630 | TEA/COFFEE Faculty Meeting/Mentor meetings | All faculty |
| 1630 - 1650 | Spinal Skills (video) followed by Q& A  [Spinal Skills - C-spine, Pelvic Binders, Log Roll](https://vimeo.com/434204779/5c56c6b357)  +/- 4 Groups for log rolling |  |
| 1650 - 1740 | [Interactive Plenary](https://f.hubspotusercontent10.net/hubfs/7416869/resources/pages/Serious%20Injury%20Plenary%20-%20Facilitator%20notes.pdf):  [*Structured Approach to Trauma*](https://f.hubspotusercontent10.net/hubfs/7416869/resources/pages/Serious%20Injury%20Plenary_6e.pptx) [(activity sheet)](https://f.hubspotusercontent10.net/hubfs/7416869/resources/pages/Serious%20Injury%20plenary_6e_Activity%20Sheet.docx) Aim: To recall and consolidate online learning and demonstrate:   * The structured approach to the seriously injured child * The identification of life-threatening injuries in a child | Led by:  Assistant: |

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ADVANCED PAEDIATRIC LIFE SUPPORT COURSE 2022

### APLS COURSE PROGRAM: [LOCATION] - DAY 3 – [DATE]

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| 0800 – 1000 | Emergency Skills Stations  (3 x 40 mins)   1. [Vascular Access (IO / UVC)](https://f.hubspotusercontent10.net/hubfs/7416869/resources/pages/Vascular%20Access_6e.docx) 2. [Chest procedures](https://f.hubspotusercontent10.net/hubfs/7416869/resources/pages/Chest%20Procedures%202020.pdf) [(ICC, Pericardiocentesis)](https://f.hubspotusercontent10.net/hubfs/7416869/resources/pages/Chest%20Procedures_Anatomy.pptx) 3. [Safe Emergency Airway Management](https://f.hubspotusercontent10.net/hubfs/7416869/resources/pages/Safe%20emergency%20airway%20management%20July%202021.pdf)   [(+ SEAM video link)](https://vimeo.com/334583244/f7b50ba7c3)   1. [Radiology](https://f.hubspotusercontent10.net/hubfs/7416869/resources/pages/APLS%20Trauma%20Radiology%20Feb2019JS.pptx) | 1. x 2  2. x 2  3. x 3  4. x 2 |
| 1000 - 1020 | MORNING TEA/MEET YOUR MENTOR/MENTEE |  |
| 1020 - 1100 | Emergency Skill Stations  (1 x 40 mins)   1. [Vascular Access (IO / UVC)](https://f.hubspotusercontent10.net/hubfs/7416869/resources/pages/Vascular%20Access_6e.docx) 2. [Chest procedures](https://f.hubspotusercontent10.net/hubfs/7416869/resources/pages/Chest%20Procedures%202020.pdf) [(ICC, Pericardiocentesis)](https://f.hubspotusercontent10.net/hubfs/7416869/resources/pages/Chest%20Procedures_Anatomy.pptx) 3. [Safe Emergency Airway Management](https://f.hubspotusercontent10.net/hubfs/7416869/resources/pages/Safe%20emergency%20airway%20management%20July%202021.pdf)   [(+ SEAM video link)](https://vimeo.com/334583244/f7b50ba7c3)   1. [Radiology](https://f.hubspotusercontent10.net/hubfs/7416869/resources/pages/APLS%20Trauma%20Radiology%20Feb2019JS.pptx) | Cont’d |
| 1100-1120 | [Demonstration](https://f.hubspotusercontent10.net/hubfs/7416869/resources/pages/Demonstration%20Trauma%20Scenario%20Aug%202020.pdf) Trauma Scenario | Instructor:  Debriefer:  Candidate:  Assistants x2: |
| 1120 - 1125 | BREAK |  |
| 1125 - 1325 | [Trauma Scenario Teaching Sessions](https://www.apls.org.au/course-materials) (3x 40 mins)  1. [Trauma Scenario A](https://f.hubspotusercontent10.net/hubfs/7416869/resources/pages/Trauma%20Scenario%20Aug%202020%20A%201_2.pdf)  - scenario 1 / 2  2. [Trauma Scenario B](https://f.hubspotusercontent10.net/hubfs/7416869/resources/pages/Trauma%20Scenario%20Aug%202020%20B%203_4.pdf)  - scenario 3 / 4  3. [Trauma Scenario C](https://f.hubspotusercontent10.net/hubfs/7416869/resources/pages/Trauma%20Scenario%20Aug%202020%20C%205_6.pdf)  - scenario 5 / 6  OR use [Scenario 7 & 8](https://f.hubspotusercontent10.net/hubfs/7416869/resources/pages/Trauma%20Scenario%20Aug%202020%20D%207_8.pdf) if preferred | 1. X 2 2. X 2 3. X 2 |
| 1325 - 1410 | LUNCH/FACULTY MEETING | All faculty |
| 1410 - 1530 | Testing Stations  1. MCQ  2. Scenarios 1  2  3  Retesting | Allocated on day 3 |
| 1530 - 1600 | FACULTY MEETING | All faculty |
| 1600 - 1615 | Feedback to candidates and course closure. | All faculty |