

Classes for DOTT Students

Theory class date/time to be finalized by concern faculty/RMO/SR

Practical exposure of the said topic to be done at the OT mentioned against each topic during student's scheduled tenure in that respective OTs

| Topic | Lecture Classes (Faculty/tutor/SRs) (Approx. 40 minutes) | demonstration/ hand on training |
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| 1. 03.03.22 BASIC of anesthesia: Introduction to Anesthesia as specialty, brief history and types | Prof (Dr.) Dipasri Bhattacharya | NSOT |
| 2. 07.03.22 General Anesthesia: Definition, indication, Risk, stage/phases, induction, maintain & reversal | Prof (Dr.) Goutam Choudhuri | NSOT |
| 3. 10.03.22 Regional Anesthesia: CNB, TYPE, technique Indication and contraindication management of adverse event | Prof (Dr.) SUSMITA Bhattacharya | GOT/RCSOT |
| 4. 14.03.22 Brief outline of different peripheral nerve block with detail discussion of brachial plexus block | Prof (Dr.) Amit Roy | ORTHO OT |
| 5. 19.03.22 Anesthesia equipment: medical gas system, sources and delivery | Prof (Dr.) Sarmila Ghosh | SOT |
| 6. 23.03.22 Anesthesia equipment: boyle machine & newer workstations including safety feature & machine check | Dr. Arpita Chowdhury | SOT |
| 7. 28.03.22 Anesthesia equipment: Breathing system | Dr. Rajasree Biswas | SOT |
| 8. 30.03.22 Anesthesia equipment: equipment for management of airways and resuscitation trolley | Dr. Nitisha Chakrabarty | SOT |
| 9. 04.04.22 Monitors used in anesthesia: invasive and non-invasive monitor | Dr. Sankar Roy | NSOT & GOT |
| 10. 07.04.22 Cardiac & non-cardiovascular monitoring in OT and ICU/CCU | Prof (Dr.) Sugato Dasgupto | CCU |
| 11. 11.04.22 Drug in anesthesia: premedication and IV induction agent | Dr. Bani Hemnb | NSOT & trauma |

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| 12. | 14.03.22 | INHALATION AGENTS | Dr. Sumanto Mondal | RCS OT |
| 13. | 18.04.22 | LOCAL anesthesia, analgesics including opioids | Dr. Samrat Roy | ORTHO & PAIN OT |
| 14. | 21.04.22 | Fluid and electrolyte management in ot, drug used in resuscitation, use of antibiotic in peri operative period | Dr. D. Sur | GOT |
| 15. | 25.04.22 | Respiratory physiology related to anesthesia | Prof (Dr.) Soma Mukhopadhyay & Dr. Glory | NSOT |
| 16. | 28.04.22 | Periop common respiratory adverse event and its management | Dr. Susanta Halder | SOT |
| 17. | 03.05.22 | Cardiovascular physiology related to anesthesia | Dr. (Prof) Sarmila Ghosh & Dr. Debomita | SOT |
| 18. | 05.05.22 | Periop cardiovascular adverse event and its management | Dr. Rajib Ganguly Dr. Dipanjan Dawn | SOT/ENT |
| 19. | 10.05.2022 | Neuro anesthesia: related physiology, complication and management | Dr. D. Mukherjee & Dr. S. Mallick | Neuro OT |
| 20. | 17.05.22 | Anesthesia for GI Surgery and its complication and management (including sick laparotomy) | Dr. Arindam Das | NSOT |
| 21. | 24.05.22 | Cardio-pulmonary resuscitation: BLS and ACLS: recent guidelines, role of paramedics in inside and outside setting | Dr. Tathagato Mondol and Dr. Atif | Trauma OT |
| 22. | 31.05.22 | How to manage a cardiac arrest event in OT with practical demonstration | Dr. Vineeth Das/ Dr. Abhishek (SR) | Gyne/ Trauma OT |
| 23. | 07.06.22 | management with mass casualty in case of disaster as a member of rescue team, triage in medical disaster management | Dr. (Prof) Sujata Ghosh/ Dr. Nisha | Trauma/ General OT |
| 24. | Practical Demonstration of Functioning of Ventilator | | | CCU/ Covid CCU/SICU |