

LUNG TRANSPLANT ROTATION

Please note that these objectives supplement the RCPSC objectives

General Objective:

The resident undertaking this elective will gain exposure to lung transplant medicine. They will gain experience in all aspects of transplant care, including evaluation, the surgery, post-op management, and long-term care of the lung transplant patient.

Specific Objectives:

MEDICAL EXPERT

1. The residents will gain knowledge of the indications and contraindications of lung transplantation in each of the patient populations to which this therapy is offered.
2. The residents will gain an appreciation of the epidemiology related to lung transplantation, including survival and morbidity data.
3. The residents will demonstrate knowledge of the immunosuppressive agents. This includes the mechanism of immune-suppression for each of the drugs, the monitoring that is required for the drugs, and the indications, contraindications and complications of the drugs.
4. The resident will be able to list the complications, both immediate and long-term of lung transplantation and immune-suppression.
5. The resident will demonstrate knowledge of chronic allograft rejection.
6. The resident will demonstrate knowledge of the infections that may affect the lung transplant patient, both early, mid-range, and long-term.

COMMUNICATOR

7. The resident will be able to communicate clearly with patients and families addressing all aspects of lung transplantation.

COLLABORATOR

8. The resident will gain an appreciation of the multi-disciplinary approach that is required to care for the lung transplant population.

MANAGER

9. The resident will be aware of the prioritization strategies employed by lung transplant centres.

HEALTH ADVOCATE

10. The residents will gain an understanding of the social and economic impact of lung transplantation on the patient and their families.

11. The resident will gain appreciation of the role of the respirologist in advocating to government and private payers for funding of the therapies required in this patient population, and will demonstrate knowledge of the controversies of inpatient versus outpatient resource allocation.

SCHOLAR

12. The resident will incorporate critical appraisal of the literature in their care of lung transplant patients.

PROFESSIONAL

13. The resident will incorporate the highest levels of attitudes, ethics and values in their management of patients. The resident will display both professional and personal behaviour appropriate to a consultant.

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