

PULMONARY HYPERTENSION ROTATION OBJECTIVES

Please note that these objectives supplement the RCPSC objectives

General Objective: the resident will gain an appreciation of the assessment, investigation, and treatment of patients presenting with pulmonary hypertension (PH). This will include knowledge of the WHO classification of PH.

MEDICAL EXPERT

1. The resident will be able to provide a differential diagnosis for a patient presenting with pulmonary hypertension, and be able to describe the WHO classification of PH.
2. The resident will be able to describe the workup of a patient presenting with pulmonary hypertension.
3. The resident will demonstrate knowledge of the pathology and physiology of pulmonary arterial hypertension (PAH).
4. The resident will demonstrate knowledge of treatment options for PAH.
5. The resident will demonstrate knowledge of treatment options for other forms of PH (WHO classification).
6. The resident will demonstrate the ability to interpret diagnostic tests performed on patients with PAH, including interpretation of stage 2 cardiopulmonary tests and hemodynamic data from right heart catheterization.
7. The resident will demonstrate knowledge of the medical and surgical therapies available for CTEPH (Chronic Thromboembolic Pulmonary Hypertension).

COMMUNICATOR

8. The resident will be able to communicate clearly with patients and families addressing diagnosis, prognosis, natural history and treatment options for PAH.

COLLABORATOR

9. The resident will demonstrate the ability to work with a multidisciplinary team in the management of patients with PH.

MANAGER

10. The resident will demonstrate the ability to effectively and appropriately utilize (inpatient and outpatient) resources in the management of these patients with advanced chronic disease. They will optimize their time to efficiently see both inpatients and outpatients with PH while on rotation.

HEALTH ADVOCATE

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.

SCHOLAR

12. The resident will incorporate critical appraisal of the literature to their care of patients with PAH.

PROFESSIONAL

13. The resident will be guided by bioethical principles when dealing with patients and their families.

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