

## IPH 475 : Integrated pharmacotherapy II: - MSK and - RES

Integrated pharmacotherapy courses aims to build the knowledge of the students about how to manage patients with different pathological conditions. It will start by delivering lectures in pathophysiology about a certain disease that belongs to the system covered in the course, followed by pharmacology lectures that cover pharmacological actions of drugs designed to treat such condition and the physiological responses of the body to these drugs. Current practice guidelines for the management for such diseases will follow along with a small exercise that introduces a one simple case to discuss the therapeutics options suitable. This course in particular will teach the student pathophysiology of inflammation and drugs working as anti-inflammatory agents in preparation to discuss common musculoskeletal related conditions such as muscle injury, bursitis, tendinitis, gouty arthritis, along with more difficult conditions to manage such as rheumatoid arthritis. The second half of this course will introduce the student to the pathophysiology and pharmacological management of allergic conditions, and common respiratory disorders such as; bronchial asthma and chronic obstructive airway disease. Application of the knowledge acquired in this course will be applied in the '93case based seminar'94 course that run in parallel to it in 7 weeks period.

**Credits** 3

**Prerequisite Courses**

BPH 365

**Corequisites**

[IPH 476](#)