# REFRESHER COURSE
## PRESENTATION OUTLINE TEMPLATE
### CAS 2014 ANNUAL MEETING

**Title of Presentation:** Patients with Sleep Disordered Breathing: Are They Suitable for Ambulatory Surgery?

**Speaker:** Dr. Frances Chung

**Affiliation:** Toronto Western Hospital, University Health Network, University of Toronto

**Learning Objectives:** (minimum of 2): (What can participants expect to be able to do differently as a result of attending?)

The learner will be able to:

1. Discuss the screening for patients with STOP-Bang questionnaire to determine which patients are suitable for ambulatory surgery;
2. Review the protocol for the perioperative management of ambulatory patients with obstructive sleep apnea;

**Background:**

The prevalence of patients with obstructive sleep apnea is 11.4% in male and 4.7% in female. About 85% to 90% of patients with obstructive sleep apnea are not diagnosed.

There may be increased risk of perioperative adverse events in patients with sleep disordered breathing. It is essential that anesthesiologist know how to identify patients with undiagnosed obstructive sleep apnea and determine whether these patients are suitable for ambulatory surgery.

**Major Teaching Points (minimum of 3):**

1. Use of STOP-Bang questionnaire to identify undiagnosed sleep apnea patients
2. Determine which sleep apnea patients can be done as inpatients or outpatients
3. How to discharge these sleep apnea patients safely

**Potential Clinical Implications:**

Anesthesiologists are asked to do more sick patients and more invasive procedures as ambulatory surgical procedures. This may lead to potential mortality and morbidity after discharge home. Practical and safe steps should be taken to ensure safety of sleep apnea patients.

**Future Areas of Research (suggest at least 2):**

1. OSA registry for diagnosed or suspected sleep apnea patients (Society of Anesthesia and Sleep Medicine (SASM) and Anesthesia Quality Institute (AQI) initiative.
2. Optimal anesthesia technique for sleep apnea patients.

Please forward completed outline to cassessions@mci-group.com no later than May 26, 2014
Key References / Further Reading (no more than 10 – please see end of document for proper examples):

Practice guideline for the perioperative management of patients with obstructive sleep apnea. An updated report by the ASA task force on the perioperative management of patients with obstructive sleep apnea. Anesthesiology 2014; 120: 268-286.


