JOURNAL CLUB/ RESIDENT RESEARCH CONFERENCE 2017-18

Jerome Serling, Instructor

Course Description:

The Journal Club/ Resident Research Conference is a year-long course given to General Practice Residents in the Department of Dentistry at YNHH to provide advanced training in the critical review of clinical literature. Residents review journal articles, prepare clinical case presentations and have the opportunity to participate in other research activities.

Course Requirements:

1. Attendance and participation in all scheduled course sessions.

2. Completion of assigned readings.

3. Review and discussion of information presented.

4. Resident presentation of completed homework and assignments at scheduled deadlines.

5. Resident written and oral presentations of clinical case reports with relevant literature reviews.
6. Written exams.

7. Residents are expected to communicate with instructor regarding any conflicts with attendance or completion of assignments.

Course Goals:

1. To provide knowledge of the basic elements of clinical research essential to critical reading of the scientific literature.

2. To provide the resident with an opportunity to develop the necessary skills for making sound decisions about what constitutes "best evidence" regarding clinical practice.

Course Objectives:

1. At the completion of the first six months of this course each resident will be able to identify and describe the basic elements of clinical research: study designs, concepts of strength of evidence, structure of the systematized literature review, tools for assessing risk of bias in individual studies and in systematized literature reviews.

2. At the completion of this course each resident will have
demonstrated the ability to present a critical analysis of clinical journal articles using risk of bias tools.

3. At the completion of this course each resident will have completed a case report in written form and presented orally to a faculty group. The case report will involve analysis of the relevant literature.

Schedule:

Session 1 - Lecture:

a. Goals and objectives of journal club.

b. Pre-test

Session 2 - Lecture: Overview of clinical research methods

Session 3 - Lecture: The systematic review

Session 4 - Andy Hickner Library session: Database searching

(Remaining scheduled sessions will be devoted to resident presentations of individual research articles, lectures and library work.)

Grading Policy:

25% Attendance, Discussion  25% Presentations  25% Written
Exams 25% Case report