## Overall Educational Goal of Elective
To understand basic pathophysiology of endocrine diseases with emphasis on clinical endocrinology; to include diabetes mellitus (type I & II including inpatient and outpatient management), knowledge of home glucose monitoring, insulin therapy, acute and chronic complications of the disease will be reviewed; students will be exposed to patients with thyroid disorders, pituitary diseases, calcium metabolism, electrolyte disorders as well as adrenal disease.

### Objectives
- At the end of the course, students should be knowledgeable in practical management issues of type I & type II diabetes and thyroid disorders.
- A working knowledge of other more common endocrine disorders will be obtained.

I. **Patient Care** – The student will participate in the care of patients in an outpatient setting and participate in daily endocrine rounds of hospital inpatients.

II. **Medical Knowledge** – The student will participate in weekly Endocrine Journal Club at RWJ and weekly Journal Club at RBMC. They may participate in the ongoing lecture programs and morning report activities at RBMC. At the end of the course, the student should be knowledgeable in the basic pathophysiology of endocrine diseases with emphasis on clinical endocrinology, including Diabetes Mellitus (Type 1 and Type 2), home glucose monitoring, insulin therapy, acute and chronic complications of the disease, thyroid disorders, pituitary diseases, calcium metabolism, electrolyte disorders as well as adrenal disease.

III. **Practice-based Learning and Improvement** – The student will participate in the care of patients in an outpatient and inpatient setting. A working knowledge of other more common endocrine disorders will be obtained.

IV. **Interpersonal and Communication Skills** – The student will be evaluated on being able to support and encourage others, being able to receive constructive criticism, listening skills, ability to convey his/her point of view and listen to and value the opinion of others.
V. **Professionalism** – The student will be evaluated on his/her professional interaction with physicians, house staff and patients with direct observation by the course director.

VI. **Systems-based Practice** – The student will be exposed to hospital systems and computer-based reporting and educational computer-based tools.

**BRIEF DESCRIPTION OF ACTIVITIES**
Students will participate and see private outpatients with the elective director on Monday afternoons and Wednesday mornings as well as Thursday morning. The students will see inpatients on a daily basis and will participate in endocrine rounds with the medical resident and housestaff and with the elective director. The students will participate in the weekly Journal Club at Robert Wood Johnson University Hospital on Friday mornings and a Journal Club at Raritan Bay Medical Center with medical housestaff. They may participate in the ongoing lecture program and morning report activities at the Raritan Bay Medical Center.

**METHOD OF STUDENT EVALUATION**
Evaluation will be based upon direct observation and participation of the student in the elective as directly observed in interaction with the course director.

**ARE THERE ANY PREREQUISITES FOR THIS ELECTIVE? No**

**IS THIS ELECTIVE AVAILABLE TO THIRD YEAR MEDICAL STUDENTS AS WELL? No**