

**Rotation:
Endocrinology Subspecialty Selective**

Goals:

The educational goals of the rotation in Endocrinology and Metabolism for the house officer are to 1) develop the ability to independently evaluate, treat, and monitor common endocrine disorders, 2) to acquire the knowledge of the underlying processes that contribute to the pathophysiology of the different endocrine diseases, and 3) to describe research tools for studying the underlying mechanisms of different endocrine disorders.

Objectives:

By the end of the Endocrinology Subspecialty Selective, PGY-1 residents are expected to expand and cultivate skills and knowledge learned during previous training and to achieve the following objectives based on the six general competencies. The resident should exhibit an increasing level of responsibility and independency as he or she progresses throughout the year.

Competency	Required Skill(s)	Teaching Method(s)	Formative Evaluation Method(s)	Frequency of Evaluation
Patient Care	SPECIALTY SPECIFIC OBJECTIVES			
	Evaluate, diagnose, and manage patients with the following endocrine disorders including but not limited to: <ul style="list-style-type: none"> • Vitamin D deficiency • Critical Hypocalcemia and Hypercalcemia • Hyperparathyroidism • Gynecomastia, Hirsutism, Amenorrhea and Impotence • Polycystic Ovarian Syndrome (PCOs) and associated disorders (insulin resistance, metabolic syndrome, infertility) • Posterior Pituitary Dysfunction (SIADH, Diabetes Insipidus) • Pituitary Apoplexy and Empty Sella • Cushing's syndromes and Adrenal insufficiency • Incidental adrenal mass • Paget's disease • Osteopenia and Osteoporosis • Osteomalacia • Secondary-Endocrine Hypertension (primary aldosteronism, pheochromocytoma, Cushing's syndrome) • Primary Dyslipidemias • Secondary hyperlipidemias • Hypothyroidism, Hyperthyroidism, Thyroiditis and Thyroid cancer • Anatomic thyroid abnormalities (goiter, multinodular 	Clinical Teaching Conferences Lectures Reading List	Global Rating Form Final Exam	

<ul style="list-style-type: none"> and solitary thyroid nodules) • Acute and Chronic complications of diabetes such as diabetic ketoacidosis (DKA), hyperglycemic hyperosmolar syndrome (HHS) and hypoglycemia • Diabetes • Addisonian crisis 			
Describe the difference between Primary, Secondary and Tertiary Hyperparathyroidism.	Clinical Teaching Conferences Lectures Reading List	Global Rating Form Final Exam	
Describe the difference between Primary and Secondary Hypogonadism	Clinical Teaching Conferences Lectures Reading List	Global Rating Form Final Exam	
Explain the pathophysiology of polycystic ovarian syndrome (PCOs) and associated disorders (insulin resistance, metabolic syndrome, infertility).	Clinical Teaching Conferences Lectures Reading List	Global Rating Form Final Exam	
Describe androgen and estrogen replacement therapy.	Clinical Teaching Conferences Lectures Reading List	Global Rating Form Final Exam	
Recognize the clinical symptoms and signs of hypopituitarism and excess pituitary hormone disorders (acromegaly, Cushing's disease, prolactinoma).	Clinical Teaching Conferences Lectures Reading List	Global Rating Form Final Exam	
Describe the causes and management of hyponatremia and SIADH	Clinical Teaching Conferences	Global Rating Form Final Exam	

		Lectures		
		Reading List		
	Describe the role of medical treatment, surgery and radiation therapy of pituitary tumors.	Clinical Teaching	Global Rating Form	
		Conferences	Final Exam	
		Lectures		
		Reading List		
	Describe the hormonal and radiological evaluation of pituitary tumors.	Clinical Teaching	Global Rating Form	
		Conferences	Final Exam	
		Lectures		
		Reading List		
	Describe the clinical signs, symptoms and differential diagnosis of pheochromocytoma.	Clinical Teaching	Global Rating Form	
		Conferences	Final Exam	
		Lectures		
		Reading List		
	Recognize the risk factors and perform diagnostic evaluation of osteopenia and osteoporosis.	Clinical Teaching	Global Rating Form	
		Conferences	Final Exam	
		Lectures		
		Reading List		
	Describe treatment options for osteoporosis (postmenopausal, corticosteroid-induced).	Clinical Teaching	Global Rating Form	
		Conferences	Final Exam	
		Lectures		
		Reading List		
	Understand basic interpretation of DXA scans	Clinical Teaching	Global Rating Form	
		Conferences	Final Exam	
		Lectures		

		Reading List		
	List indications for bone densitometry	Clinical Teaching Conferences Lectures Reading List	Global Rating Form Final Exam	
	Express recent JNC guidelines	Clinical Teaching Conferences Lectures Reading List	Global Rating Form Final Exam	
	Manage dietary and pharmacological therapy of Primary Dyslipidemias.	Clinical Teaching Conferences Lectures Reading List	Global Rating Form Final Exam	
	State the NCEP guidelines.	Clinical Teaching Conferences Lectures Reading List	Global Rating Form Final Exam	
	Perform clinical examination of the thyroid	Clinical Teaching Conferences Lectures Reading List	Global Rating Form Final Exam	
	Summarize management of thyroid emergencies (thyroid storm and myxedema).	Clinical Teaching Conferences Lectures Reading List	Global Rating Form Final Exam	

Utilize nuclear medicine procedures, ultrasound studies and fine needle aspiration biopsies.	Clinical Teaching Conferences Lectures Reading List	Global Rating Form Final Exam	
Interpret thyroid function tests.	Clinical Teaching Conferences Lectures Reading List	Global Rating Form Final Exam	
Define Pre-Diabetes: Impaired Fasting Glucose (IFG) and Glucose Intolerance (IGT), Obesity, and the Metabolic Syndrome	Clinical Teaching Conferences Lectures Reading List	Global Rating Form Final Exam	
Recognize differences in the pathogenesis and clinical presentation between type 1 and 2 diabetes.	Clinical Teaching Conferences Lectures Reading List	Global Rating Form Final Exam	
Manage diabetes using diet, oral antidiabetic agents and insulin administration.	Clinical Teaching Conferences Lectures Reading List	Global Rating Form Final Exam	
Refer appropriately and timely to ophthalmology, podiatry, dietary and diabetic education.	Clinical Teaching Conferences Lectures Reading List	Global Rating Form Final Exam	
Apply monitoring methodologies properly to include (i) outpatient office-based Flow Sheets documenting glycated	Clinical Teaching	Global Rating Form	

	proteins, lipids, serum creatinine and microalbuminuria, and (ii) patient home glucose monitoring,	Conferences Lectures Reading List	Final Exam	
Medical Knowledge	SPECIALTY SPECIFIC OBJECTIVES			
	Develop knowledge base of the clinical sciences of the following endocrine disorders: <ul style="list-style-type: none"> • Diabetes mellitus • Thyroid disorders • Lipid disorders • Hypertension • Metabolic bone disorders • Adrenal disorders • Pituitary disorders • Gonadal dysfunction • Calcium disorders 	Clinical Teaching Conferences Lectures Reading List	Global Rating Form Final Exam	
Practice Based Learning and Improvement	SPECIALTY SPECIFIC OBJECTIVES			
	See General Internal Medicine Objectives for a comprehensive list.			
Interpersonal and Communication Skills	SPECIALTY SPECIFIC OBJECTIVES			
	See General Internal Medicine Objectives for a comprehensive list.			
Professionalism	SPECIALTY SPECIFIC OBJECTIVES			
	See General Internal Medicine Objectives for a comprehensive list.			
Systems-Based Practice	SPECIALTY SPECIFIC OBJECTIVES			
	See General Internal Medicine Objectives for a comprehensive list.			

By the end of the Endocrinology Subspecialty Selective, PGY-2 residents are expected to expand and cultivate skills and knowledge learned during previous training and to achieve the following objectives based on the six general competencies. The resident should exhibit an increasing level of responsibility and independency as he or she progresses throughout the year.

Competency	Required Skill(s)	Teaching Method(s)	Formative Evaluation Method(s)	Frequency of Evaluation
Patient Care	<p>SPECIALTY SPECIFIC OBJECTIVES</p> <p>Evaluate, diagnose, and manage patients with the following endocrine disorders including but not limited to:</p> <ul style="list-style-type: none"> • Vitamin D deficiency • Critical Hypocalcemia and Hypercalcemia • Hyperparathyroidism • Gynecomastia, Hirsutism, Amenorrhea and Impotence • Polycystic Ovarian Syndrome (PCOs) and associated disorders (insulin resistance, metabolic syndrome, infertility) • Posterior Pituitary Dysfunction (SIADH, Diabetes Insipidus) • Pituitary Apoplexy and Empty Sella • Cushing's syndromes and Adrenal insufficiency • Incidental adrenal mass • Paget's disease • Osteopenia and Osteoporosis • Osteomalacia • Secondary-Endocrine Hypertension (primary aldosteronism, pheochromocytoma, Cushing's syndrome) • Primary Dyslipidemias • Secondary hyperlipidemias • Hypothyroidism, Hyperthyroidism, Thyroiditis and Thyroid cancer • Anatomic thyroid abnormalities (goiter, multinodular and solitary thyroid nodules) • Acute and Chronic complications of diabetes such as diabetic ketoacidosis (DKA), hyperglycemic hyperosmolar syndrome (HHS) and hypoglycemia • Diabetes • Addisonian crisis 	<p>Clinical Teaching</p> <p>Conferences</p> <p>Lectures</p> <p>Reading List</p>	<p>Global Rating Form</p> <p>Final Exam</p>	
	Describe the difference between Primary, Secondary and Tertiary Hyperparathyroidism.	<p>Clinical Teaching</p> <p>Conferences</p> <p>Lectures</p> <p>Reading List</p>	<p>Global Rating Form</p> <p>Final Exam</p>	
	Describe the difference between Primary and Secondary Hypogonadism	<p>Clinical Teaching</p>	<p>Global Rating Form</p>	

		Conferences Lectures Reading List	Final Exam	
	Explain the pathophysiology of polycystic ovarian syndrome (PCOs) and associated disorders (insulin resistance, metabolic syndrome, infertility).	Clinical Teaching Conferences Lectures Reading List	Global Rating Form Final Exam	
	Describe androgen and estrogen replacement therapy.	Clinical Teaching Conferences Lectures Reading List	Global Rating Form Final Exam	
	Recognize the clinical symptoms and signs of hypopituitarism and excess pituitary hormone disorders (acromegaly, Cushing's disease, prolactinoma).	Clinical Teaching Conferences Lectures Reading List	Global Rating Form Final Exam	
	Describe the causes and management of hyponatremia and SIADH	Clinical Teaching Conferences Lectures Reading List	Global Rating Form Final Exam	
	Describe the role of medical treatment, surgery and radiation therapy of pituitary tumors.	Clinical Teaching Conferences Lectures Reading List	Global Rating Form Final Exam	
	Describe the hormonal and radiological evaluation of pituitary tumors.	Clinical Teaching Conferences	Global Rating Form Final Exam	

		Lectures		
		Reading List		
	Describe the clinical signs, symptoms and differential diagnosis of pheochromocytoma.	Clinical Teaching	Global Rating Form	
		Conferences	Final Exam	
		Lectures		
		Reading List		
	Recognize the risk factors and perform diagnostic evaluation of osteopenia and osteoporosis.	Clinical Teaching	Global Rating Form	
		Conferences	Final Exam	
		Lectures		
		Reading List		
	Describe treatment option for osteoporosis (postmenopausal, corticosteroid-induced).	Clinical Teaching	Global Rating Form	
		Conferences	Final Exam	
		Lectures		
		Reading List		
	Undersatnd basic interpretation of DXA scans	Clinical Teaching	Global Rating Form	
		Conferences	Final Exam	
		Lectures		
		Reading List		
	List indications for bone densitometry	Clinical Teaching	Global Rating Form	
		Conferences	Final Exam	
		Lectures		
		Reading List		
	Express recent JNC guidelines	Clinical Teaching	Global Rating Form	
		Conferences	Final Exam	
		Lectures		

		Reading List		
	Manage dietary and pharmacological therapy of Primary Dyslipidemias.	Clinical Teaching Conferences Lectures Reading List	Global Rating Form Final Exam	
	State the NCEP guidelines.	Clinical Teaching Conferences Lectures Reading List	Global Rating Form Final Exam	
	Perform clinical examination of the thyroid	Clinical Teaching Conferences Lectures Reading List	Global Rating Form Final Exam	
	Summarize management of thyroid emergencies (thyroid storm and myxedema).	Clinical Teaching Conferences Lectures Reading List	Global Rating Form Final Exam	
	Utilize nuclear medicine procedures, ultrasound studies and fine needle aspiration biopsies.	Clinical Teaching Conferences Lectures Reading List	Global Rating Form Final Exam	
	Interpret thyroid function tests.	Clinical Teaching Conferences Lectures Reading List	Global Rating Form Final Exam	
	Define Pre-Diabetes: Impaired Fasting Glucose (IFG) and	Clinical Teaching	Global Rating Form	

	Glucose Intolerance (IGT), Obesity, and the Metabolic Syndrome	Conferences Lectures Reading List	Final Exam	
	Recognize differences in the pathogenesis and clinical presentation between type 1 and 2 diabetes.	Clinical Teaching Conferences Lectures Reading List	Global Rating Form Final Exam	
	Manage diabetes using diet, oral antidiabetic agents and insulin administration.	Clinical Teaching Conferences Lectures Reading List	Global Rating Form Final Exam	
	Refer appropriately and timely to ophthalmology, podiatry, dietary and diabetic education.	Clinical Teaching Conferences Lectures Reading List	Global Rating Form Final Exam	
	Apply monitoring methodologies properly to include (i) outpatient office-based Flow Sheets documenting glycosylated proteins, lipids, serum creatinine and microalbuminuria, and (ii) patient home glucose monitoring,	Clinical Teaching Conferences Lectures Reading List	Global Rating Form Final Exam	
Medical Knowledge	SPECIALTY SPECIFIC OBJECTIVES			
	Develop knowledge base of the clinical sciences of the following endocrine disorders: <ul style="list-style-type: none"> • Diabetes mellitus • Thyroid disorders • Lipid disorders • Hypertension • Metabolic bone disorders • Adrenal disorders • Pituitary disorders 	Clinical Teaching Conferences Lectures Reading List	Global Rating Form Final Exam	

	<ul style="list-style-type: none"> • Gonadal dysfunction • Calcium disorders 			
Practice Based Learning and Improvement	SPECIALTY SPECIFIC OBJECTIVES			
	See General Internal Medicine Objectives for a comprehensive list.			
Interpersonal and Communication Skills	SPECIALTY SPECIFIC OBJECTIVES			
	See General Internal Medicine Objectives for a comprehensive list.			
Professionalism	SPECIALTY SPECIFIC OBJECTIVES			
	See General Internal Medicine Objectives for a comprehensive list.			
Systems-Based Practice	SPECIALTY SPECIFIC OBJECTIVES			
	See General Internal Medicine Objectives for a comprehensive list.			

By the end of the Endocrinology Subspecialty Selective, PGY-3 residents are expected to expand and cultivate skills and knowledge learned during previous training and to achieve the following objectives based on the six general competencies. The resident should exhibit an increasing level of responsibility and independency as he or she progresses throughout the year.

Competency	Required Skill(s)	Teaching Method(s)	Formative Evaluation Method(s)	Frequency of Evaluation
Patient Care	SPECIALTY SPECIFIC OBJECTIVES			
	Evaluate, diagnose, and manage patients with the following endocrine disorders including but not limited to: <ul style="list-style-type: none"> • Vitamin D deficiency • Critical Hypocalcemia and Hypercalcemia • Hyperparathyroidism • Gynecomastia, Hirsutism, Amenorrhea and Impotence • Polycystic Ovarian Syndrome (PCOs) and associated disorders (insulin resistance, metabolic syndrome, infertility) • Posterior Pituitary Dysfunction (SIADH, Diabetes Insipidus) • Pituitary Apoplexy and Empty Sella • Cushing's syndromes and Adrenal insufficiency • Incidental adrenal mass • Paget's disease • Osteopenia and Osteoporosis • Osteomalacia • Secondary-Endocrine Hypertension (primary aldosteronism, pheochromocytoma, Cushing's syndrome) 	Clinical Teaching Conferences Lectures Reading List	Global Rating Form Final Exam	

	<ul style="list-style-type: none"> • Primary Dyslipidemias • Secondary hyperlipidemias • Hypothyroidism, Hyperthyroidism, Thyroiditis and Thyroid cancer • Anatomic thyroid abnormalities (goiter, multinodular and solitary thyroid nodules) • Acute and Chronic complications of diabetes such as diabetic ketoacidosis (DKA), hyperglycemic hyperosmolar syndrome (HHS) and hypoglycemia • Diabetes • Addisonian crisis 			
	Describe the difference between Primary, Secondary and Tertiary Hyperparathyroidism.	Clinical Teaching Conferences Lectures Reading List	Global Rating Form Final Exam	
	Describe the difference between Primary and Secondary Hypogonadism	Clinical Teaching Conferences Lectures Reading List	Global Rating Form Final Exam	
	Explain the pathophysiology of polycystic ovarian syndrome (PCOs) and associated disorders (insulin resistance, metabolic syndrome, infertility).	Clinical Teaching Conferences Lectures Reading List	Global Rating Form Final Exam	
	Describe androgen and estrogen replacement therapy.	Clinical Teaching Conferences Lectures Reading List	Global Rating Form Final Exam	
	Recognize the clinical symptoms and signs of hypopituitarism and excess pituitary hormone disorders (acromegaly, Cushing's disease, prolactinoma).	Clinical Teaching Conferences Lectures	Global Rating Form Final Exam	

		Reading List		
	Describe the causes and management of hyponatremia and SIADH	Clinical Teaching Conferences Lectures Reading List	Global Rating Form Final Exam	
	Describe the role of medical treatment, surgery and radiation therapy of pituitary tumors.	Clinical Teaching Conferences Lectures Reading List	Global Rating Form Final Exam	
	Describe the hormonal and radiological evaluation of pituitary tumors.	Clinical Teaching Conferences Lectures Reading List	Global Rating Form Final Exam	
	Describe the clinical signs, symptoms and differential diagnosis of pheochromocytoma.	Clinical Teaching Conferences Lectures Reading List	Global Rating Form Final Exam	
	Recognize the risk factors and perform diagnostic evaluation of osteopenia and osteoporosis.	Clinical Teaching Conferences Lectures Reading List	Global Rating Form Final Exam	
	Describe treatment option for osteoporosis (postmenopausal, corticosteroid-induced).	Clinical Teaching Conferences Lectures Reading List	Global Rating Form Final Exam	

	Undersatnd basic interpretation of DXA scans	Clinical Teaching Conferences Lectures Reading List	Global Rating Form Final Exam	
	List indications for bone densitometry	Clinical Teaching Conferences Lectures Reading List	Global Rating Form Final Exam	
	Express recent JNC guidelines	Clinical Teaching Conferences Lectures Reading List	Global Rating Form Final Exam	
	Manage dietary and pharmacological therapy of Primary Dyslipidemias.	Clinical Teaching Conferences Lectures Reading List	Global Rating Form Final Exam	
	State the NCEP guidelines.	Clinical Teaching Conferences Lectures Reading List	Global Rating Form Final Exam	
	Perform clinical examination of the thyroid	Clinical Teaching Conferences Lectures Reading List	Global Rating Form Final Exam	
	Summarize management of thyroid emergencies (thyroid storm and myxedema).	Clinical Teaching	Global Rating Form	

		Conferences Lectures Reading List	Final Exam	
	Utilize nuclear medicine procedures, ultrasound studies and fine needle aspiration biopsies.	Clinical Teaching Conferences Lectures Reading List	Global Rating Form Final Exam	
	Interpret thyroid function tests.	Clinical Teaching Conferences Lectures Reading List	Global Rating Form Final Exam	
	Define Pre-Diabetes: Impaired Fasting Glucose (IFG) and Glucose Intolerance (IGT), Obesity, and the Metabolic Syndrome	Clinical Teaching Conferences Lectures Reading List	Global Rating Form Final Exam	
	Recognize differences in the pathogenesis and clinical presentation between type 1 and 2 diabetes.	Clinical Teaching Conferences Lectures Reading List	Global Rating Form Final Exam	
	Manage diabetes using diet, oral antidiabetic agents and insulin administration.	Clinical Teaching Conferences Lectures Reading List	Global Rating Form Final Exam	
	Refer appropriately and timely to ophthalmology, podiatry, dietary and diabetic education.	Clinical Teaching Conferences	Global Rating Form Final Exam	

		Lectures		
		Reading List		
	Apply monitoring methodologies properly to include (i) outpatient office-based Flow Sheets documenting glycosylated proteins, lipids, serum creatinine and microalbuminuria, and (ii) patient home glucose monitoring,	Clinical Teaching	Global Rating Form	
		Conferences	Final Exam	
		Lectures		
		Reading List		
Medical Knowledge	SPECIALTY SPECIFIC OBJECTIVES			
	Develop knowledge base of the clinical sciences of the following endocrine disorders: <ul style="list-style-type: none"> • Diabetes mellitus • Thyroid disorders • Lipid disorders • Hypertension • Metabolic bone disorders • Adrenal disorders • Pituitary disorders • Gonadal dysfunction • Calcium disorders 	Clinical Teaching	Global Rating Form	
		Conferences	Final Exam	
		Lectures		
		Reading List		
Practice Based Learning and Improvement	SPECIALTY SPECIFIC OBJECTIVES			
	See General Internal Medicine Objectives for a comprehensive list.			
Interpersonal and Communication Skills	SPECIALTY SPECIFIC OBJECTIVES			
	See General Internal Medicine Objectives for a comprehensive list.			
Professionalism	SPECIALTY SPECIFIC OBJECTIVES			
	See General Internal Medicine Objectives for a comprehensive list.			
Systems-Based Practice	SPECIALTY SPECIFIC OBJECTIVES			
	See General Internal Medicine Objectives for a comprehensive list.			

Learning Venues:

Outpatient Endocrine-Diabetes Clinics:

Residents will be assigned to attend 4 to 5 outpatient clinics per week.

Outpatient clinics are the most essential component of the rotation. Clinics provide residents with the opportunity to assess new and established patients with a great variety of

endocrine disorders. It is the resident's responsibility to evaluate the patients, sign out to the attending physician, write or dictate a clinic note, follow up labs, and communicate with the patient and referring physician.

Outpatient clinic activities:

VAMC Endocrine Clinic - Tuesday morning
MEDPLEX Endocrinology Clinic - Thursday afternoon
MEDPLEX Diabetes Clinic - Friday morning
920 Madison - UT Endocrine Clinic - Daily morning and afternoon clinics
Baptist Memphis Medical Center - Dr. Harold Sacks - Wednesday morning
UTMG - Germantown Offices - Monday all day - Lipid Clinic

Inpatient consultations:

Residents will follow inpatient consult along with the endocrinology fellows, but the fellows remain primarily responsible.
Residents are not to offer suggestions to the housestaff or make recommendations in the chart until the patient has been presented to the attending physician.
The time for consult rounds will be set by the attending of the month, but shall not interfere with clinic obligations.

Conferences:

Endocrine Lectures:

Endocrine Journal Club - Tuesday 4-5 pm, Room 647 Dobbs
VAMC - Endocrine Lecture - Tuesday 8-9 am, Room CW139A
Resident Tutorials - Thursday 8-9 am, Room 647 Dobbs
Fellows "Case of the Week" Lecture - Thursday 9-10 am, Room 647 Dobbs
Fellows Journal Club - twice a month - Thursdays 10-11 am, Room 647 Dobbs
Interhospital Rounds - Thursday 11-12 am, Room 343 Dobbs

Internal Medicine Lectures:

Medicine Grand Rounds - Wednesday - 8-9 am- Coleman North Auditorium
Medicine Noon Conference - 12:15 - 1:00 pm - Adams Pavilion Auditorium

Residents scheduled at Baptist Memphis will attend the noon conference series there.

Reading List:

Completion of the reading list is an essential component of the Endocrine elective. It consists mostly of review articles concerning important endocrine and metabolic issues.

UP-TO-DATE online or CD *

MSKAP - Endocrinology section*

Recommended Endocrinology Textbooks:

Williams Textbook of Endocrinology by Wilson and Foster

Basic Clinical Endocrinology by Greenspan and Baxter

Diabetes Mellitus: A Fundamental and Clinical Text by LeRoith, Taylor and Olefky

* Essential

Competency Evaluation:

At the end of each rotation, residents will be evaluated by the attending physician of the month and by supervising attending physicians in the outpatient clinic. A composite evaluation report will be submitted to the residency office. If the resident is assigned to the rotation at Baptist-Memphis, the evaluation will be submitted by the attending at

Baptist Memphis. Final Exam: At the conclusion of the elective, there will be a written test covering material from the reading list and didactic lectures. The expected score will be 80%.

Outcomes Assessment:

The educational success of our elective in endocrinology will be based on two criteria:

(1) endocrinology subsections scores on the in-service examination of all residents who have successfully complete the elective and (2) endocrinology subsections scores on the ABIM certifying examination in internal medicine taken by medical graduates. Our goal is all residents scoring at the 50th percentile or higher.