FOURTH YEAR ELECTIVE TITLE
REPRODUCTIVE ENDOCRINOLOGY AND INFERTILITY

<table>
<thead>
<tr>
<th>COURSE NUMBER</th>
<th>LOCATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>OBG 9093</td>
<td>Repro Science Center / Shore Area InVitro</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>ELECTIVE DIRECTOR</th>
<th>ELECTIVE FACULTY</th>
<th>ELECTIVE CONTACT</th>
<th>CONTACT INFO</th>
</tr>
</thead>
<tbody>
<tr>
<td>DEBRA GUSSMAN, M.D.</td>
<td>WILLIAM ZIEGLER, D.O.</td>
<td>Cyndi Gundlach</td>
<td>PH. 732-776-3790</td>
</tr>
<tr>
<td></td>
<td>ALLEN MORGAN, M.D.</td>
<td>Department of OB/GYN</td>
<td>FAX 732-776-4525</td>
</tr>
<tr>
<td></td>
<td>JASON BROMER, M.D.</td>
<td>1945 Route 33 Neptune, NJ 07754</td>
<td>EMAIL: c <a href="mailto:Gundlach@meridian.com">Gundlach@meridian.com</a></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>BLOCKS AVAILABLE</th>
<th>DURATION/WEeks</th>
<th>HOURS PER WEEK</th>
<th>STUDENTS</th>
<th>LECTURES/SEMINARS</th>
<th>OUTPATIENT</th>
<th>INPATIENT</th>
<th>HOUSESTAFF</th>
<th>NIGHT CALL</th>
<th>WEEKENDS</th>
<th>LAB</th>
<th>EXAM REQUIRED</th>
</tr>
</thead>
<tbody>
<tr>
<td>ALL</td>
<td>Min: 4 Max: 4</td>
<td>40</td>
<td>MAX: 1</td>
<td>YES</td>
<td>YES (80%)</td>
<td>YES (20%)</td>
<td>YES</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No</td>
</tr>
</tbody>
</table>

OVERALL EDUCATIONAL GOAL OF ELECTIVE
This elective is designed for medical students who are interested in infertility and reproductive endocrinology. Student will increase their ability to evaluate and treat patients and couples complaining of either infertility or symptoms of reproductive endocrinopathies.

OBJECTIVES

I. Patient care
   a. Learn methods of diagnosis and management of reproductive endocrinology and infertility in both an inpatient and outpatient settings.
   b. The student will be able to conduct a medical interview with a patient and obtain information regarding the problems encountered in a REI practice
   c. The student will be able to perform a directed physical examination.

   a. The student will be able to interpret ultrasound imaging studies
   b. The student will assist in the operating room, acquire basic surgical skills and will be exposed to complex procedures in the operating room.

III. Medical knowledge
   a. Develop an understanding of the principles of surgery, endocrinology, and assisted reproductive technology.
   b. The student will acquire an understanding of the approach to the diagnosis and management of infertility and complex reproductive endocrinopathies.
   c. Increase the understanding of the psychological and ethical problems associated with treating infertile patients.
   d. The student will understand the scientific physiology and pathophysiology of relevant issues and problems in reproductive endocrinology and infertility.
IV. Practice-based learning and improvement
   a. The student will use scientific evidence and methods to investigate evaluate and improve patient care practices.
   b. The student will learn where to obtain reliable information about developing paradigms in reproductive endocrinology and infertility.
   c. The student will review current literature and participate in discussions about changing parameters in the field.

V. Interpersonal and communication skills
   a. The student will develop the social skills to communicate effectively with patients.
   b. The student will learn sensitivity when discussing infertility.
   c. The student will participate in “bad news” discussions.
   d. The student will learn how to document patient encounters in a concise accurate manner.
   e. The student will learn how to communicate with patients from other cultures effectively.

VI. Professionalism
   a. The student will act in a professional manner.
   b. The student will show compassion, courtesy, and respect for patients and staff.
   c. The student will adhere to ethical principles.

VII. Systems-based Practice
   a. The student will demonstrate an awareness of the larger context of the health care system
   b. The student will learn about other members of the health care team who participate in REI care.
   c. Increase the understanding of the economic problems associated with treating infertile patients.

BRIEF DESCRIPTION OF ACTIVITIES
Students will evaluate and care for inpatients and outpatients and participate in surgical procedures on the REI Service under the direction of Dr. William Ziegler, Dr. Alan Morgan and Dr. Jason Bromer. Students will have the opportunity to participate actively in the office practice and the operating room. Students will evaluate new patients and formulate management plans for clinical problems, including both female and male infertility. Students will observe assisted reproduction including IVF, and assist in the management of surgically treated patients. Students will complete assigned readings on infertility and reproductive endocrinology.

METHOD OF STUDENT EVALUATION
Evaluation of clinical performance based on assessment of professionalism, medical knowledge, patient care, system-based practice, interpersonal and communication skills, practice-based learning and improvement.

Are there any prerequisites for this elective? No____ Yes X please specify: Core Clerkship

Is this elective available to third year medical students as well? No X Yes