

Name of rotation: **ABR – Travel Medicine** **Division: Geographic Medicine / ID**

Course Director: **Susan D. Wolfsthal, M.D.** **Site(s): Various**
 Robert Edelman, M.D.

Duration of rotation: **one month only**
 2 weeks possible

General description of the rotation including educational purpose, rationale or value:

During this training, the resident will be taught to provide generally healthy outpatients (clients) travel health information about travel vaccines and vaccine-preventable infections, malaria and dengue prophylaxis, prevention and treatment of travelers' diarrhea, and what to do if the traveler returns with fever or diarrhea. Other travel information (safety, altitude sickness, etc) may be taught, depending on destination. The Travel Clinic meets every Wednesday afternoon, from 1:15-4:30 pm on the 6th floor of the Professional Bldg. From 2-7 travelers are seen at every clinic, and 30-45 minutes are spent with each traveler. Vaccinations are given and drug prescriptions are written for malaria and diarrhea. Each traveler in effect, is given a mini-tutorial in tropical medicine, tailored to the traveler's country of destination, complexity of travel in-country, and their underlying medical conditions. Following the elective, the resident should be able to understand and manage 90% of the health issues that confront travelers to the developing world, particularly to the tropics.

Resident responsibilities, including interns and residents:

The resident should read the 2-3 published reviews of Travel Medicine distributed to residents before they start the Travel Clinic elective. He/she should listen to and absorb the attending physician's advice given travelers during the first 1 or 2 sessions. The resident will manage the traveler for sessions 2-4, depending on the complexity of the travel, under the guidance of the attending physician. The resident will write orders for the nurses to administer the vaccines and will write prescriptions for travel related drugs. A computer-generated travel information sheet covering each country to be visited will be distributed to each traveler by the attending. The resident will read this health information sheet and explain it to the traveler. The resident should call the Travel clinic 12-24 hours before the clinic meets to get the scheduled appointments and travel itineraries.

Educational objectives:

Educational objectives: All competency-based objectives apply to the PGY-2, 3 and above levels. PGY-1 residents do not complete this rotation.

PGY-2 or 3 resident will:

Patient Care

1. Provide generally healthy outpatients (clients) travel health information about travel vaccines and vaccine-preventable infections, malaria and dengue prophylaxis, prevention and treatment of travelers' diarrhea, and what to do if the traveler returns with fever or diarrhea.
2. Write orders for nurses to administer vaccines and write prescriptions for travel related drugs.

Medical Knowledge

1. Understand basic principles of tropical medicine as it applies to the traveler.
2. Read information on computer-generated travel information sheets that are distributed to each traveler.

Check all principle teaching methods used during this rotation:

<input type="checkbox"/>	Attending teaching rounds	<input type="checkbox"/>	Interdisciplinary rounds
<input checked="" type="checkbox"/>	Patient management discussions	<input type="checkbox"/>	Small group discussions
<input checked="" type="checkbox"/>	Conferences specific to rotation	<input type="checkbox"/>	Bedside clinical rounds
<input type="checkbox"/>	Individual instruction of procedures	<input type="checkbox"/>	Review of diagnostic studies, including radiology
<input checked="" type="checkbox"/>	Other: Selected Readings		

Describe the most important educational content, including the mix of diseases, patient characteristics, types of clinical encounters, procedures and services:

The resident will evaluate generally healthy children (5-10% of patients) and adults (90-95% of patients) of all ages. The occasional immunosuppressed patient, pregnant women, and persons with inflammatory bowel disease will require special management. The patients are a pleasure to work with. They are generally motivated, eager to follow advice, and intelligent. Each has a unique story to tell about their travel plans and travel history. Many do interesting and important work in developing countries. Patient encounters will be for 30-45 minutes, with a call back number to the attending if they have additional concerns or perceived reactions to their vaccinations.

Check the principal ancillary education materials used:

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|-------------------------------------|-----------------------------|-------------------------------------|------------------------------|
| <input type="checkbox"/> | Reading lists | <input type="checkbox"/> | Pathologic material |
| <input type="checkbox"/> | Radiologic studies | <input type="checkbox"/> | Other noninvasive studies |
| <input checked="" type="checkbox"/> | Handouts on relevant topics | <input checked="" type="checkbox"/> | Articles from the literature |
| <input type="checkbox"/> | Other: _____ | <input type="checkbox"/> | Case studies |

Methods used to evaluate the resident and the rotation:

- Evaluation of residency performance and professionalism
- Evaluation of attending teaching skills and other attributes
- Rotation assessment by resident
- Observation of resident's clinical competency
- Observation of resident's leadership and teaching skills
- Review of the resident's history/physical exam, progress notes and documentation of procedures in the chart
- Resident's attendance of rounds and conferences monitored
- Other: _____

Identify strengths and limitations specific to the resources of the sponsoring institution:

The attending physicians (currently eight) are from the Department of Medicine and Pediatrics faculty, all conduct clinical research in the Center for Vaccine Development in Baltimore or overseas, and most have spent extensive time in the Tropics. Dr. Robert Edelman, Clinic Director, attend 50% of the clinics.

9/18/07: Reviewed with residents / faculty at Postgraduate Education Committee