

Pediatrics Rotation in a Developing Nation

PED 1228

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Hospital:

Bangalore Baptist Hospital, Bangalore, India

Summary:

Available year-round
Length of rotation 4 weeks
Minimum 1 student and maximum 2 students at any time

Logistics:

Transportation: The student will provide his own airfare which will range from \$1400 to \$2000. Transportation will be provided from airport to hospital.

City of arrival: Bangalore

Room and Board: The hospital guest facilities are on the campus including meals. Cost for room and board is about \$10/day and will be borne by the student. Total expenses for one month should be about \$400.

Document requirements:

Valid passport

Tourist visa to enter India available on application to nearest Indian Consulate. Cost will be about \$75. Apply one month in advance.

Language requirement: none. English is spoken by staff who will translate.

Immunizations recommended: Hepatitis A and B; polio; tetanus; typhoid

(effectiveness limited). Malaria prophylaxis not required in Bangalore.
Things to bring: white coat and stethoscope.

I. Course Description:

This rotation will expose the student to a career as a medical missionary in a developing country. The primary focus will be on teaching the student to rely on clinical skills and judgment rather than technology that is not available in that setting. Students will participate in all aspects of care of pediatric patients in the Bangalore Baptist Hospital, a mission hospital run by the Christian Medical College in Vellore, India, and the International Mission Board of the Southern Baptist Convention, USA. This will include ward rounds and outpatient clinics daily, neonatal ICU and pediatric ICU experience, and management of pediatric emergencies. There will be hospital-wide didactic teaching sessions involving all attendings and residents. In the department of pediatrics, didactic conferences, case presentations and interactive sessions with attendings will be held regularly. Students will be exposed to disease problems not seen in the USA such as malaria, hydatid disease, typhoid, and tetanus.

II. Course Goals and Objectives:

PATIENT CARE:

- Teach students to gather accurate and essential information in a system without modern technological equipment.
- Enhance students' ability to make diagnostic plans for pediatric patients in a system of limited technology and financial resources
- Teach students to recognize acute pediatric diseases that are rare in the United States
- Teach students to develop management options for treatment of pediatric diseases rare in the United States.
- Teach students to develop management options for treatment of pediatric diseases common in the United States but with limited resources.

MEDICAL KNOWLEDGE:

- Teach students about acute pediatric diseases in developing world countries
- Enhance students' ability to integrate and apply their basic science knowledge to these uncommon diseases.
- Expose students through reading and clinical experience to parasite infestations and infectious diseases not usually seen in the USA

PRACTICE-BASED LEARNING AND IMPROVEMENT:

- Expose the students to the local patient population, helping them to observe how local health practices and superstition affect the pediatric patient
- Demonstrate to students how to analyze and improve the quality of hospital pediatric practice in a developing country with limited technological and financial resources.

INTERPERSONAL AND COMMUNICATION SKILLS:

- Expose the student to the challenges of cross-cultural communication in a multilingual context.
- Guide students in forming healthy cross-cultural relationships.

PROFESSIONALISM:

- Demonstrate to the students a respect and compassion for each individual patient
- Expose the students to the ethical dilemmas posed in an overseas mission hospital such as limited resources, needs of poor patients, a competitive local medical community, maintaining the ethos of the hospital
- Demonstrate integrity in all aspects of the pediatric practice

SYSTEMS-BASED PRACTICE:

- Expose students to the various health care systems available in India and how this hospital fits into that system
- Expose the student to specific ways in which Bangalore Baptist Hospital relates to the health care community so far as consultants, referrals, and partnerships
- Expose students to medical mission life and possible career as a medical missionary.

III. Methods of Instruction:

A. Didactic:

- Hospital-wide sessions with all attendings and residents 3 days per week
- Sessions with pediatric attendings 2 days per week
- Case presentations on ward rounds and in outpatient clinics
- Presentation of at least two short topics assigned

B. Clinical:

- Daily rounds with attendings
- Night duty at least once weekly
- Outpatient clinics Monday – Saturday mornings
- Hospital working hours routinely 8 to 4:30 Monday through Friday and 8 to 12:30 on Saturday

C. Student Responsibilities:

- Admit new inpatient, develop plan, present to attending, follow patient
- Evaluate outpatients and present to attending
- Perform procedures under direct guidance of attending or senior resident

IV. Evaluations:

The student will be evaluated according to the attached university-approved form. His grade will be Pass or Fail.

The student will be required to evaluate the elective experience in the approved form.

V. Attachments

Biodata of head of pediatrics department, Bangalore Baptist Hospital
Description of Bangalore Baptist Hospital and pediatric services
Evaluation forms to be used.