PEDIATRIC EXTERNSHIP ROTATION REPORT

THE BROOKLYN HOSPITAL CENTER
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Dratf by : Paul Bruno Jr JEAN-BAPTISTE, MD
3rd year pediatrics resident at
Justinien University Hospital
Haiti

ROTATION REPORT

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Introduction and thanks

My name is Paul Bruno Jr JEAN-BAPTISTE, third year pediatric's resident at Justinien University Hospital, a state facility in Cap-Haitian, Haiti. I was selected to be part of an externship program at the Brooklyn Hospital Center (TBHC), held by the association of haitian physician abroad (AMHE) and the « Societe immobiliere d'agriculture, de commerce et de tourisme » (SimACT). It was a three months program, approximately ninety days, from october 1st to december 31th 2012.

Its was a really enriching experience and I would like to express all my gratitude to all the staff that made of this program a reality and also for keeping it on track. Thus, my special thanks goes to :

- AMHE for their continuous effort in improving the skills of the Haitian residents (in particular Dr Paul Nacier, chief AMHE medical mission, and Dr Patrick Leblanc, coordinator of rotations)

- SIMACT for their great support (in particular Dr Lesly Kernisan)

- The Brooklyn Hospital Center for their hospitality (Dr Richard B. Becker, CEO)

- THBC pediatric staff (Dr. Louisdon Pierre, Dr Adebayo Adeyinka, Dr Yesenia Morales, Dr Belen Fineza, Dr Swayam Sadanadan, Dr Aziza Cedrak, Dr Melissa Guillaume and all the residents and nurses who help me in one way or another through my externship.

- The Medical Staff of Justinien University Hospital: Dr Jean G. Coq, Dr Yvel Zephyr and Dr Serge-Edouard Charles, respectively medical director, formation director and Chairman of pediatrics, for their support through all the process.

Selection Criteria

To be eligible the resident must :

1. Be in second year or early third year of residency
2. Have a us visa or other papers giving access to the states
3. Have an advanced level in English

Rotations and timing

1. NICU (october 2nd-october 12th and december 3rd-december 7th)

   a. Participate in round with the attending and the residents each morning

   b. Observe administration of surfactant

   c. Discuss with the attending about the viewed cases

   d. Observe the management of respiratory distress syndrome

   e. Observe the management of premature newborns

   f. Observe insertion of UV and UA lines

2. PICU (october 15th-november 2nd and november 12th-november 16th)

   a. Participate in round with the attending and the residents each morning

   b. Discuss with the attending about the viewed cases

   c. Observe the management of an acute respiratory distress

   d. Observe all the process of extubation

   e. Practice of ventilation settings

   f. Observe insertion of central lines

   g. Discuss of the management of hyperkalemia

3. ER (november 5th-november 9th)

   a. Participate in the interview and physical examination of patients with the residents

   b. Discuss with the attending about the viewed cases

   c. Observe the care of many patients with asthma

   d. Observe the management of an acute respiratory distress

4. Hematology/Oncology (november 19th-november 30th)

   a. Observe the management of sickle cell disease patients in crisis

   b. Participate in the interview and physical exam of the patients with the resident

   c. Discuss with the attending about the viewed cases

5. Cardiology (december 10th-december 21th)
    a. Observe the interview and physical examination of patients with the residents and the attending
    b. Oscultation of heart sounds, mumurs…
    c. EKG reading
    d. Initiation in echocardiography (basics)
    e. Discuss with the attending about the viewed cases and other cases of interest

Academic activities

We had the morning report every morning in the NICU conference room except for wednesday, which is the grand round day. I have participated in round every morning with the attending and the residents. I have had six sessions in simulation lab for patient management and central venous line catheter insertion, under the supervision of Dr Pierre and Dr Adeyinka and one session in neonatal ressucitation with Dr Leblanc.

I also had a meeting each two weeks with Dr Nacier, Dr Leblanc and Dr Pierre to discuss about a choosen topic, the progress of the externship and my needs. I have presented three subjects : Management of Hypothermia in neonates ; Central venous lines and Wolf-Parkinson-White Syndrome. I am working actually with Dr Leblanc in the concept of an affordable incubator prototype for Haiti, a project that will be finance by him and the AMHE.

Commodities and Finance report

For the externship, I bought my ticket plane to Brooklyn. The housing, the internet and the laundry were provided at the Maynard building. I received a card for the meal everyday at the hospital cafeteria.

I also had :

-300 USD each two weeks

-150 USD for cellphone subscription

-100 USD for winter clothes

-Groceries refill if needed

Comments and Suggestions

This experience is definitely an asset. The academic activities were enriching and it was such a pleasure to work with all the attendings staff. In term of experiences, it was limited due to the fact that we are not covered by any insurance. Nevertheless, I've still learned by observing the procedures. I met some language difficulties but it did not really interfere with my learning process, and it was really a good way to practice.

For the years to come, I would suggest that the program envisage to:
- Inform the residents of TBCH about the externship program to facilitate the communication and the integration
- Improve the coordination with the next selected residents so we can assure the continuity of the program
- Have some repair and cleaning made at the apartment
- Create a more intimate space at the apartment for the resident who does not have a bedroom
- Expand the program to Europe also with the Haitians physicians and other partners