

Externship Report



The Brooklyn Hospital Center (TBHC)

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Third year chief pediatric resident

Hôpital Universitaire De La Paix

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▪ Introduction

The AMHE post graduate program for residents coming from HUEH (Hôpital Universitaire d'Etat d'Haiti) and HUI (Hôpital Universitaire Justinien) started in 2005 at Coffeyville regional Medical center, Kansas. It was exclusively in Orthopedics and under the direction of Dr Maxime Coles. Later, in September 2007, this program extended to NewYork as a joint commitment by SIMACT (Société immobilière, Agriculture, Commerce et Tourisme) and AMHE (Association Médicale Haitienne à l'étranger). This program is also supported actively by the Brooklyn Hospital Center. By groups of 2 the residents come for 2 or 3 months of observational rotation in different services such as anesthesiology, family medicine, internal medicine, obstetrics-gynecology, pediatrics, general surgery at the Brooklyn Hospital Center or radiology at the Columbia Presbyterian Medical Center.

More than 90 residents have benefited from the rotation, From March 2020 until March 2022 there was a complete interruption due to the pandemic. My name is Naïmah Sybil Vincent, MD, third year chief pediatric resident at HUP located in Delmas 33, Port-Au-Prince. I am the 94th resident to have benefited from this enriching experience for a period of three months from Mars 28th to June 30th 2022.

▪ Acknowledgment

I would like to thank everyone who contributed to the success of my rotation, specially:

- God, without him, I wouldn't be able to be there
- My family and Ronald who supported me
- The AMHE Members
- Dr Florence Siné Saint-Surin , chairman of the department of pediatrics at HUP
- Dr Rosalina Simon Assad, Medical Director at HUP
- Dr Sosthène Pierre, Responsible of the third cycle
- Dr Vasanta Kondamudi, chief medical officer at TBHC

Special thanks to:

- Dr Paul Nacier (AMHE member) , Dr Patrick Leblanc(Chief of NICU), Dr Louisdon Pierre(chief of PICU), Dr Eric Jerome (AMHE member) for all their support.
- The other attending physicians of pediatrics at TBHC specially Dr Mélissa Guillaume, Dr Adeyinka, Dr Morales, Dr Zylak, Dr Sedrac, Dr Valentine, Dr Joseph.
- Dr Ange-Marie Francique, my roommate from HUU.
- Some Residents (Dr Lanyka Christian, Dr Amanda Gordon, Dr Harry Zhao, Dr Aashjka Patel).
- Tamika Gonzalez and Anthony Brown and the nurses.

▪ **Description of the rotation**

I rotated in many services in the pediatrics department

- Neonatal intensive Care Unit (NICU)
- Pediatric intensive care unit (PICU)
- General Pediatrics
- Cardiology
- Hematology
- Emergency department
- Outpatient clinic

I. NICU

- Daily morning rounds with the attending and the residents
- Nursery
- Neonatal mechanical ventilation
- Total Parenteral Nutrition (TPN)
- UA/UV/ PiCC line
- Management of prematurity, sepsis, hypoglycemia, hyperbilirubinemia , respiratory distress syndrome: meconium aspiration, Transient tachypnea of the newborn...

II. PICU

- Daily morning rounds with the attending and the residents
- Mechanical ventilation
- Management of respiratory distress, bronchiolitis, pneumonia, Inflammatory bowel disease, appendicitis, sickle cell patient in crisis, hepatitis, anemia.

III. Pediatric Hematology

- Daily clinic
- Management of outpatient with sickle cell disease, iron deficiency, thalassemia, hemophilia, immune thrombocytopenia.
- Discussion about new cure for sickle cell patients.

IV. Pediatric Emergency Department

- The cases that I have seen: constipation, asthma, tonsillitis, abdominal pain, pelvic pain, premenstrual symptoms, skin abscess, tooth pain, headache, viral conjunctivitis, suspicion of covid-19 infection.

V. Pediatric outpatient clinic

Most of the children that I saw weren't necessarily sick , they come for supervision of their development ,prevention and vaccination

VI. Pediatric cardiology

- Daily clinic except on tuesday
- Pediatric EKG lecture
- Echocardiography
- Fetal echocardiography
- Most cases reviewed : PVC(premature ventricular contraction) PAC (premature atrial contraction), PPS (peripheral pulmonary stenosis) ASD(Atrial septum defect) VSD (Ventricular septum defect) Ventricular Delay, junctional Rythm, long QT syndrome, congenital heart disease associated with maternal diabetes or with Marfran syndrome or with lupus.

▪ **Activities**

I Had bi-weekly presentation as academic activities, a subject of my choice under the supervision of Dr Paul Nacier, Dr Patrick Leblanc and Dr Louisdon Pierre.

1) Conferences I presented

- Bilirubin (4/13/22)
- Management of fever in sickle cell patient (4/27/22)
- Neonatal Hypoglycemia (5/18/22)
- Infective endocarditis (5/27/22)
- Monkeypox in pediatrics (6/10/22)
- Spontaneous intestinal perforation (6/22/22)

2) Conferences the other resident presented

- Structural factors as determinants of death of premature newborns (32-36weeks) at Hôpital Universitaire Justilien from 2018-2019 (6/10/2022)
- Breastfeeding (6/22/2022)

3) Conferences I assisted:

- Vaso-occlusive crisis (4/13/2022)
- Precocious puberty (4/14/2022)
- HIV and Newborn (4/26/2022)
- New cure for children with ALL(Acute Lymphoblastic Leukemia): Immunotherapy (4/27/2022)
- Persistent of pulmonary hypertension in newborn (4/29/2022)
- Pyloric stenosis (4/29/2022)
- Diversity in pediatrics (5/11/2022)
- Morbi/mortality of a patient with transfusion related adverse reaction (5/18/2022)
- Immunology/Allergy in children (5/19/2022)
- QI projects(IV infiltration- Continuity of care- Peanut allergy- HPV vaccine on 9-11 years old) (5/25/2022)
- Mortality of a 22 weeker in NICU (6/08/2022)

4) Practical Course:

- Pediatric Reanimation / Endotracheal intubation
- Management of a patient with shock
- Mechanical ventilation
- Neonatal Resuscitation
- Central Line placement

▪ Comments and Suggestions

I had a wonderful experience during those three months. When I first came I had some concern from the language barrier and living in the States for three months far from my family. Once I started it was easier than I imagined. The attendings were very supportive.

This rotation permitted me to see the differences between what we do in Haiti and what they do in the States in term of care, to identify our weaknesses and to correct them. I learned a lot of new things , new procedures and the functioning of certain machines that I wasn't familiar with. I'm impatient to share my experiences with my colleagues. I only wished this rotation was less observational.

This experience was so enriching that I wished every Haitian residents could have the same opportunity .I would suggest that the AMHE team could could set up some online courses for the residents. It could bring us up to date on some clinical and medical management.

Thank you again for this opportunity.

- **Attachment**



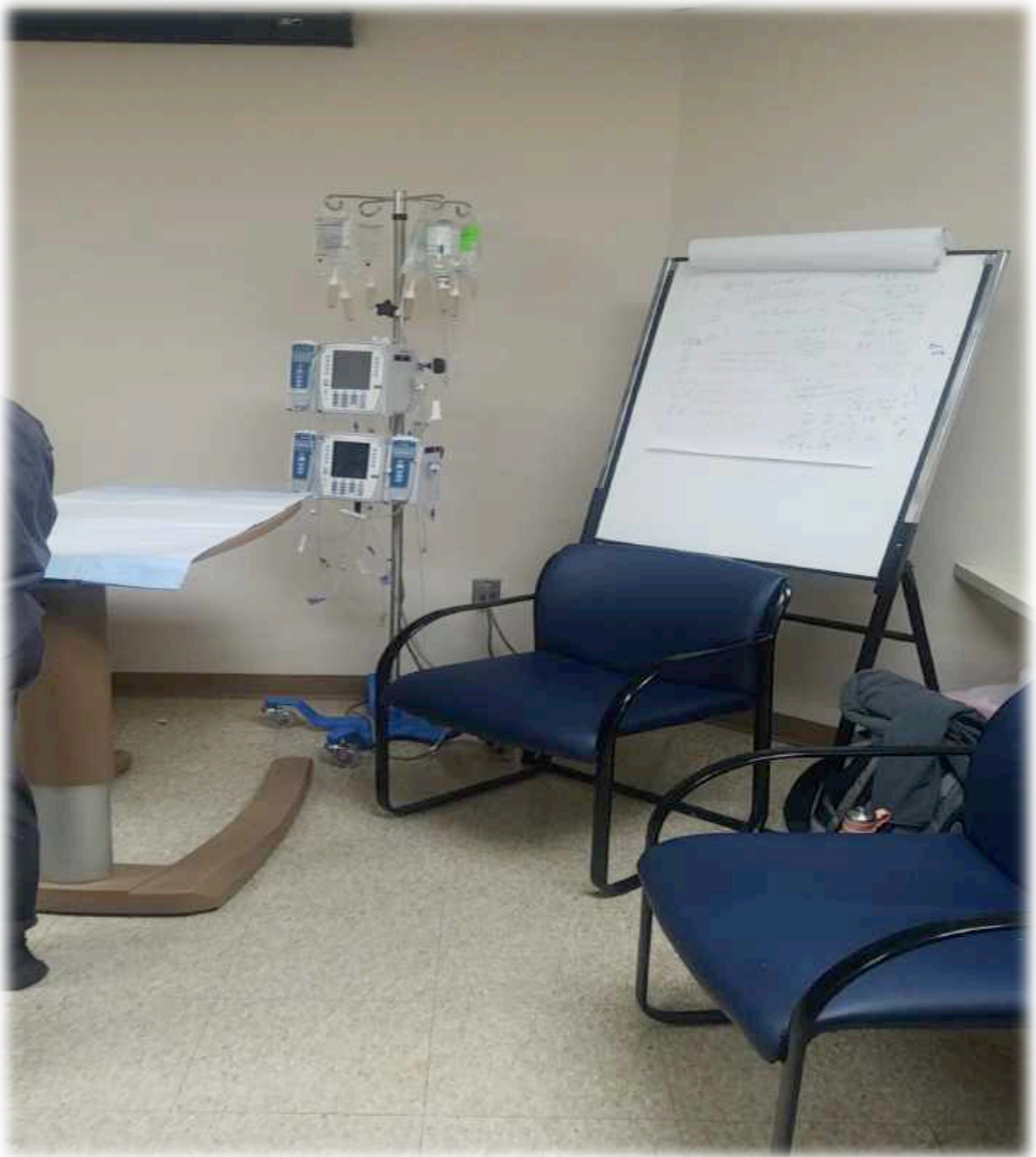
From right to left Dr Paul Nacier, Dr Ange-Marie Francique, Dr Patrick Leblanc and me after my last presentation 6/22/2022



Simulation Lab



Models in the simulation Lab



Simulation Lab



Model in the simulation Lab for Intraosseus access