



23/07/2022

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## INTRODUCTION

The AMHE post graduate program for residents coming from HUEH (Hospital Universitaire d'Etat d'Haiti), HUP (Hôpital Universitaire la Paix) and HUU (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 New York as a Joint commitment by SIMACT (Société immobilière Agriculture, commerce et tourisme) and AMHE (Association Médicale Haïtienne à l'étranger). By groups of two, the residents come for two or three months of observational rotation in different services such as anesthesiology, internal medicine, family medicine, obstetrics-gynecology, pediatrics, general surgery at the Brooklyn Hospital Center or radiology at Presbyterian medical center (under the guidance of DR Ernest Garcon)

My name is Ange - Marie Francique, I am a MDS pediatric (Medecin de service pediatre) at Fort Liberte departmental's Hospital. I had the privilege to participate in this pediatric observational rotation starting March 01, 2020. Four weeks later, the rotation was on hold due to the widespread Covid-19 pandemic. I resumed the rotation May 18 to July 22, 2022, under the direct supervision of Dr Patrick Leblanc and Dr Louisdon Pierre.

## SPECIAL THANKS

I thank the Almighty, for his love, blessing, and protection, handsomely given every day of my life.

I thank Dr. Vasantha Kondamudi , the Chief Medical Officer at TBHC.

I thank SIMACT for this initiative.

I thank the members of the AMHE, without them, this course would not be possible. I thank Dr. Patrick Leblanc, Dr. Paul Nacier and Dr. Louisdon Pierre, to have been my listeners during my presentations and for their support.

To the attending Physicians Pediatrics TBHC Dr Melissa Guillaume, Dr Morales Yersinia, Dr Adeyinka. Thank to Dr Jerome Eric member of AMHE

Special thanks to HUU director of training, Dr. Yvel Zephyr

I thank all the pediatrics attending doctors from HUU, who have contributed directly or indirectly to my training specially to Dr Serge Edouard Charles head pediatrics department at Hospital University Justinian (2020). Dr Paul Euclide Toussaint, head of pediatrics' department presently. The attendings Dr Saint Fleur Rony, Dr Muscadin Emanise, Dr Alexandre Clairelise, Dr Pierre Louis Jean Reynald, to the responsible at the Hospital University Justinian Dr Dubbe Gettho, Dr Jean Garcia Coq. My thanks to the pediatrics team HUU specially (Dr Charles Lynda, Dr Andre Anne, Dr Edouard Guerlande etc.) I thank my family who contributed to whom I am today and believed in my abilities; and all who have been of any support to me, especially my husband Dr Pierre Sadate who have supported and encouraged me in

everything in my professional life. I thank all my friends and family who had supported me during the covid19.

I thank my classmate Vincent Naimah Sybil, MD, a third-year resident in pediatrics at HUP, for being my guide and my roommate during the rotation.

## GOALS

- . To improve my medical skills and enhance my knowledge by participating actively in all academic activities.
- . Learn more about the latest tools in the medical care arsenal and the high technology medical innovation.
- . Optimize my performance in the subjects with which I am the most unfamiliar.

## Description of the rotation

- Neonatology Intensive Care Unit
- Pediatric Intensive Care Unit
- General pediatrics
- Pediatric Cardiology
- Hematology
- Outpatient clinic

## NICU: Neonatal intensive Care Unit

- Daily morning rounds with attending (Dr Leblanc, Dr Morales)
- Delivery room services
- Exsanguinous transfusion
- Neonatal resuscitation simulation with students, residents, Staff attending
- Total Parenteral Nutrition: TPN
- CPAP, BYPAP, neonatal mechanical ventilation, X-Ray, Upper GI, RMI,

Management of prematurity, respiratory distress syndrome, meconium aspiration, transient tachypnea of the newborn, sepsis, hypoglycemia, hyperbilirubinemia.

## PICU: Pediatric Intensive Care Unit

-Daily morning rounds,

Mechanical ventilation

Management of distress, bronchiolitis, pneumonia, inflammatory disease, appendicitis, sickle cell patient in crisis, hepatitis, anemia. with attending (Dr Pierre, DR Adeyinka)

## Pediatric Cardiology:

clinic four (4) days per week

pediatric EKG, echocardiography, fetal echocardiography

PVC (premature ventricular contraction) PAC (premature atrial contraction) PPS (peripheral pulmonary stenosis), ASD (atrial septum defect) VSD (ventricular septum defect) long QT syndrome, congenital heart disease associated with maternal diabetes or with Marfan syndrome or with lupus

## Pediatric Hematology

Daily clinic

Management of outpatient with sickle cell disease, iron deficiency, thalassemia, hemophilia, thrombocytopenia, discussion about new cure of sickle cell patients

## Wednesday conference

Management of patient with Hirschsprung disease, hypoglycemia in newborn

Morbi/ mortality of a patient with transfusion related adverse reaction

Allergy/immunology pediatrics, QI projects (continuity of care, peanut allergy, IV infiltration, HPV vaccine on 9 -11years old) mortality of a 22 weaker in NICU

## Bi-Weekly presentation:

Jaundice in newborn

Hirschsprung 's disease

-Results structural factors as determinants death of premature newborns(32-36weeks) HUI 2018/2019

(My final topic end residency)

Breast-feeding

## Presentation by my classmate

-Infective endocarditis

Monkeypox

Spontaneous intestinal perforation (SIP)

## Activities Report

Practical course

-PFCCS (Pediatric Fundamental Critical Care Support)

-Assessment of the Critically Child

-DIRECT Approach

-Pediatric Cardiac Arrest

-Acute Infections

-Neurologic Emergencies

Diagnosis and Management of Shock

(Neonatal resuscitation Program) NRP

-Positive-Pressure Ventilation

-Alternative Airways: Endotracheal tube and Laryngeal Mask

-Chest Compression

-Medications

-Ethics and Care at the end of Life

## COMMENTS

I really appreciate my rotation at Brooklyn hospital during the last three months. I learned a lot. It was a great experience. I hope and wish this program would be continue for many years and give access and opportunity to more residents. I suggest that the selected residents be in the same clinical rotation and be informed at least one month in advance for better preparation. I suggest to avoid having only one resident for a long period of time.





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