

Radiology Rotation Report



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Outline



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- II-Academic Activities
- III-Comment and Suggestions
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I. Introduction

Founded in August 1972 by a group of Haitian physicians determined to mark their presence as a growing ethnic entity in America, The Association of Haitian Physicians Abroad (AMHE) gives opportunity to Haitian Residents at *HUEH* and at *Justien Hospital* to rotate at hospitals in the United States such as Brooklyn Hospital Center, Interfaith Hospital. This rotation exposes the residents to a variety of radiologic modalities diagnostic and therapeutic, patient care and practice of medicine in the United States.

My name is Ernst JOSEPH, I am a third year Radiology resident at the State University Hospital of HAITI. I spent 2 months at Brooklyn Hospital Center rotating through different subspecialties of Radiology. This experience increase my understanding of the appropriate use of imaging modalities (CT scan, ultrasound, MRI, pet-scan, interventional radiology) and their clinical benefits.

II. Academic activities

1) **Neuro-imaging**

Activities:

- Reading and doing reports with the attending physician for head CT, head CTA and MRI, spine CT and MRI.

2) **Vascular Lab**

Activities:

- Learning how to perform echo Doppler of the upper and lower extremities, carotid and renal arteries.
- Participating in pulse volume recordings session

3) **Body CT**

Activities:

- Reading CT imaging with the Radiologist

4) **Ultrasound**

Activities:

- Reading cases on abdominal, pelvic, thyroid, testicular ultrasound.
- Assisting the technicians when performing ultrasound

5) Interventional Radiology

Activities:

- Observer ship of some procedures:
 - Peripherally inserted central catheter(PICC)
 - Leg venogram
 - Uterus fibroid embolization
 - Celiac plexus block (for a patient with small bowel Cancer)
 - Hysterosalpingogram
 - Inferior venacavagram / inferior venacava filter placement
 - Upper extremity venogram
 - Biopsy renal mass (in CT) / Biopsy lung mass (in CT)
 - Fine needle aspiration of thyroid (Ultrasound)
 - Biliary drainage
 - Lumbar puncture (in CT)

6) Breast Imaging:

Activities:

- Reading and doing interpretation for screening Mammograms
- Observing the technicians performing mammograms
- Participating in cases of breast biopsy

7) Other Activities:

- ✚ I was invited to *Columbia Presbyterian University hospital* by Dr. Ernst GARCON (a Haitian attending Physician at this hospital) for one week. There, I observed Dr. GARCON and other radiology residents doing body CT, head CT, Ultrasound and MRI reports.

✚ Bi-weekly presentation with Dr. Paul NACIER, Dr. Patrick LEBLANC and Dr. Louisdon PIERRE.

My presentations:

- Lung Cancer Screening by low dose Computed Tomography
- Neonatal Cranial Ultrasound
- Acute pancreatitis in Compute Tomography
- Uterus fibroid embolization

Presentations of other residents:

- Preterm rupture of membranes
- Chorioamnionitis
- Neonatal Pneumonia

✚ *Tumor board* (every Thursday morning):

- Ano-rectal Carcinoma
- Non-Small Cell Lung Cancer (Adenocarcinoma)
- Invasive lobular Carcinoma of breast (Pleomorphic type)
- Pancreatic Ductal Adenocarcinoma
- Gastro-intestinal Stromal Tumor (GIST)
- Alveolar soft part Sarcoma (ASPS)
- Non Invasive Urothelial Carcinoma

Others:

- Neonatal hemochromatosis
- TORCH

III- Comments and suggestions

This observership was a great opportunity for me to nurture my professional growth and increase my knowledge in a field that I am deeply passionate about. I am also amazed by the technology aspect of the field of radiology, especially during the days I spent at Columbia University Hospital with Dr. Ernst GARCON who devote himself to find opportunities for the advancement of Radiology in Haiti.

At Brooklyn Hospital, I worked with an enthusiastic staff devoted to teaching and patient care. The knowledge I accumulated from spending time in the vascular lab will be very helpful to my ultrasound practice in Haiti. Furthermore, my exposure to Interventional Radiology inspires me to initiate this field in Haiti.

Suggestions:

- It will be very helpful for all the radiology residents to participate in this rotation to pass at least 1 month, if possible, at Columbia University hospital.
- Extend this observership to more than 2 Radiology residents per year

IV- Special Thanks

- First, I want to thank GOD who protects me during these 2 months.
- A special thanks to all the members of SIMACT and his president Dr. Lesly KERNISANT, and AMHE.
- Thanks to Dr. Paul NACIER, Dr. Patrick LEBLANC and Dr. Louisdon PIERRE for all the support during the rotation.
- All the Radiologists in the Radiology department of TBHC specially Dr. M. Fucksbrumer and Dr M. Dackel .
- Dr. Shalom Buchbinder, Chair , Radiology
- Dr. Gary A. Stephens , senior Vice president and chief medical officer at THBC
- Dr. Jean-Claude Cadet the dean of the School of Medicine FMPEBM/UEH.
- Dr. Sosthène PIERRE, Responsible of the 3rd Cycle FMPEBM/UEH.
- Dr. Georges MICHEL, Academic Responsible, Substitute head department Of Radiology Department of HUEH.
- Dr. Ernst GARCON, Radiologist in Columbia Hospital And also Dr. Luck LONDON, a radiology resident who worked with during my week there.
- Elourdes Merisma, and the other technicians in the vascular lab.
- Other residents (roommate) during this rotation: Dr. Bradley TOUSSAINT AND Dr. Judette DESIRE .
- A special thanks to my family, my fiancée and my friends.