

REPORT OF THE WORLD FEDERATION OF PEDIATRIC IMAGING (WFPI) FELLOWSHIP PROGRAM AT THE NELSON MANDELA CHILDREN'S HOSPITAL, JOHANNESBURG, SOUTH AFRICA.

I wish to convey my appreciation to the World Federation of Pediatric Imaging (WFPI), under the leadership of Prof Omolola Atalabi, for the great and rare privilege given to me to undergo the pediatric imaging fellowship program at the Nelson Mandela Children's Hospital in Johannesburg, South Africa.

I also want to especially thank my amiable tutor, Dr. Jaishree Naidoo, who took her time to meticulously tutor me in the art of pediatric imaging over the 10-week period I was with her.

During my training, I had the opportunity to rotate through pediatric radiology units at three different hospitals- Charlotte Maxeke Johannesburg Academic Hospital in Johannesburg, Chris Hani Baragwanath Academic hospital in Soweto and the Nelson Mandela Children's Hospital, in Johannesburg.

I was tutored on how to set up a pediatric radiology unit by undergoing training from the heads of the different units at NMCH Radiology, these units are the Magnetic Resonance Imaging unit, Computed Tomography unit, digital radiography unit, ultrasound unit and the radiation safety unit. I learnt how to image gently by ensuring reduction of radiation doses to the pediatric age group.

I had many teaching sessions with Jaishree and other Radiologists in the three hospitals. I was trained on peculiarities of pediatric radiological reporting which is very different from adult reporting.

I was exposed to many interesting cases of pediatric MR imaging including white matter diseases, cortical dysplasia's, hypoxic ischemic encephalopathy, cochlear implant screening and congenital anomalies. I was also involved in CT/ CT Angiographic imaging, mostly cardiac, screening of the Gastrointestinal system and the Genitourinary system with fluoroscopy and a lot of chest radiographs. I was able to understand the different types of lines and tubes used in the Pediatric intensive care unit (PICU) and the correct placements of these lines.

With the knowledge gained during this fellowship period, I will assist in improving pediatric imaging in my country.

As my contribution to the 2018 International Day of Radiology (IDOR) with the theme of- cardiac imaging, I have written a case report on one of the rare and interesting congenital heart disease which I was involved in the management during this fellowship program. I am also writing pictorial essays on the role of Computed Tomographic Angiography in the diagnosis of congenital heart diseases and the diagnostic features of Tuberous Sclerosis on cranial MRI, both of which will be published in peer review journals.

I wish to say a very big thank you to the Radiology family at NMCH headed by Jaishree, who took me as part of the team and showed me love and care during the period I was with them. The other Radiologists- Drs. Buthelezi, Mahango and Koranteng, all the Radiographers headed by Stella, the PACS administrator - David, the Medical Physicist-Browin and Lizca, the sonographer. Also the Radiologists at the Charlotte Maxeke Johannesburg and Chris Hani Baragwanath Academic hospitals, Drs. Pillay and Moodley, I love you and I appreciate you all.

I also appreciate Dr. Krubin a pediatric cardiothoracic surgeon and Dr Hopewell-a pediatric cardiologist, who assisted in the writing of the case report.

I will be eternally grateful to the WFPI for this rare privilege.

Above all, I give all the glory to God, the Lover of my soul, for granting me the grace to complete the fellowship program.

Dr Janet A Akinmoladun

