

## DEPARTMENT OF OBSTETRICS & GYNAECOLOGY



**Dr. Carole Rattray, MBBS, DM (O&G), FRCOG, FACOG**  
**Head of Department**

### **WORK OF THE DEPARTMENT**

The academic staff in the department consists of one professor, 5 senior lecturers, 6 lecturers and 6 associate lecturers. We offer subspecialty care in Fertility Management/Assisted Reproduction, Maternal-Fetal Medicine, Gynaecological Oncology and Urogynaecology in addition to general Obstetrics & Gynaecology. We offer undergraduate and postgraduate courses and have two Fellowship Programmes in Maternal-Fetal Medicine (MFM), in association with the PROMAC initiative and Gynaecological Oncology in association with the International Gynecologic Cancer Society.

### **Obstetric Perinatal Service**

This service manages high risk Obstetric cases and accepts referrals from the rest of the island. The Unit provides teaching for postgraduate and

undergraduate medical students. Perinatal Audits occur monthly as a joint meeting with the Department of Child Health and an annual conference in February of each year is run by the High Risk Obstetric team in collaboration with the Neonatologists & Neonatal Pathologists..

The Labour Ward and Postnatal Services are supervised by Drs. Michelle Campbell and Lenroy Bryan who also teach undergraduate and postgraduate students as well as midwives in training.

The Department offers Obstetric Ultrasound Services to both the University Hospital and referrals from outside the University. Ultrasound courses are offered twice a year through the PROMAC initiative. Ultrasound training is spearheaded by Dr. Nadine Johnson and Dr. Tiffany Hunter.

### **Obstetrics Skills & Drills**

We offer 2 Emergency Obstetrics Workshops (JOTTIE) each year sponsored by Ferring Pharmaceutical Ltd and offered as a multi-disciplinary training workshop for Anaesthetic Residents, Accident and Emergency Residents, Paediatric Residents, Obstetric & Gynaecology Residents and midwives from University Hospital and Government Hospitals. It takes place in the simulation lab of the School of Nursing.

### **Oncology Unit**

Dr. Taylor & Dr. Bambury are the two trained gynaecological Oncologists in the department and together with Professor Fletcher, Dr. Rattray & Dr. Mitchell & Dr. Medley, form the Gynaecological Oncology Team. They are assisted by Sister Murdoch and her team of nurses as well as administrative secretary, Miss Thompson. Residents rotate through the unit spending 2 months in the Colposcopy and Oncology areas. Patients requiring colposcopy in the management of the abnormal cervical smear are seen in the Colposcopy clinics while patients with gynaecological malignancies, are seen in the Oncology clinic both in preparation for surgery and in following patients post-surgery, post chemotherapy and

radiation therapy. The Unit also has facilities for teaching both undergraduate and postgraduate students

### **Fertility Management Unit**

Dr. Vernon DaCosta is the director of this unit and together with Drs. Shaun Wynter, John Harriott, Loxley Christie and Sharifa Frederick as clinicians, offer assisted reproductive referral services. Other staff members are Miss Denise Everett, a senior embryologist (Biologist) and Miss Hillary Walters, a staff Nurse as the coordinator of the programme. This team has championed the In Vitro Fertilization and Embryo Transfer Programme for Jamaica and the Caribbean. Pregnancy rates continue to improve and frozen embryos and donor eggs are now being stored. Minimally invasive procedures such as hysteroscopy and laparoscopy (both diagnostic and therapeutic procedures) are provided as day case procedures and the family planning clinic offers contraceptive and sterilization advice.

### **STAFF**

#### **Professor Horace Fletcher**

#### **Papers Presented**

- HPV Vaccine in Jamaica – Nurse anesthetist Conference 2018 Montego Bay

#### **Public Service**

- Membership Special Olympics board

#### **Students**

- Supervisor PhD Phylcia Ricketts PhD Medical Physics

#### **Awards**

- Order of Distinction 2017
- Guyana/Jamaica award for contribution to Medicine in the region New York 2017

- Cornwall College old Boys Kingston Chapter award for service to country and School in field of medicine 2018

## PAPERS PRESENTED

- N. Tate, **T. Hunter-Greaves**, D. Simms-Stewart. “Contraceptive Practices in Women With Medical Conditions in the Clinics at the University Hospital of the West Indies”. University of the West Indies Mona, Faculty of Medical Sciences 26th Annual Research Conference, November 2017.
- **T. Hunter-Greaves**, N. Tate, D. Simms-Stewart. “Contraceptive Practices in Women With Medical Conditions in the Clinics at the University Hospital of the West Indies”. 66th Annual Clinical and Scientific Meeting of the American College of Obstetricians and Gynecologists, April 27–30, 2018, Austin, Texas.
- C. Kelly, **T. Hunter-Greaves**, K. Shaw-Kelly, G. Harrison, N. Johnson. Congenital anomalies diagnosed prenatally in the fetal diagnosis and therapy unit, University Hospital of the West Indies, Jamaica. 13th World Congress of Perinatal Medicine. Serbia, October 2017.
- **T. Hunter-Greaves**, T. Batchelor, N Johnson, C. Rattray. “Pregnancy outcome of monochorionic twins in a tertiary centre: a retrospective review” 17th World Congress in Fetal Medicine. Athens, Greece. 24–28 June 2018.

## ABSTRACTS

- **T. Hunter-Greaves**, N. Tate, D. Simms-Stewart. “Contraceptive Practices in Women With Medical Conditions in the Clinics at the University Hospital of the West Indies”. *Obstetrics & Gynecology*. 131:75S, May 2018.
- C. Kelly, **T. Hunter-Greaves**, K. Shaw-Kelly, G. Harrison, N. Johnson. Congenital anomalies diagnosed prenatally in the fetal diagnosis and therapy unit, University Hospital of the West Indies,

Jamaica. **J. Perinat. Med.** 45 (2017): 457. doi: 10.1515/jpm-2017-2009

**Dr. Natalie Medley**

### CONFERENCE PRESENTATION

- HPV Vaccination: What are the ethical issues? Jamaica Cancer Society Annual Symposium. April 22, 2018

**Dr. Nadine Johnson**

### Abstracts

- C. Kelly, T. Hunter-Greaves, K. Shaw-Kelly, G. Harrison, **N. Johnson**. Congenital anomalies diagnosed prenatally in the fetal diagnosis and therapy unit, University Hospital of the West Indies, Jamaica. **J. Perinat. Med.** 45 (2017): 457. doi: 10.1515/jpm-2017-2009

### Posters

- C. Kelly, T. Hunter-Greaves, K. Shaw-Kelly, G. Harrison, **N. Johnson**. Congenital anomalies diagnosed prenatally in the fetal diagnosis and therapy unit, University Hospital of the West Indies, Jamaica. 13<sup>th</sup> World Congress of Perinatal Medicine. Serbia, October 2017.

**Dr. Santosh Kulkarni**

Position; Senior lecturer

### Teaching

Undergraduate- UG module in 3rd year, MBBS and 4th and 5th year clerkships

### Postgraduate-

- 1) Convener of the module system for the DM curriculum at Mona (now complete 2 years out of 4 in the second round)
- 2) Commenced new cycle July 2016 to June 2020

## Research

- DM student supervisor for Dr. Robyn Khemlani: research completed
- Maternal transport to UHWI- clinical outcomes
- Psychological and sexual well- being following emergency hysterectomy

## INTERNATIONAL Publication History

Issue published online: 13 JUL 2010

Article first published online: 13 JUL 2010

## VISITORS TO THE DEPARTMENT

- Professor Anthony Armson – Dalhousie University
- Dr. Ian Harley – Belfast University
- Dr. Ellen Baker – MD Anderson

## PUBLICATIONS

- Zia Y, Weiner J, Snead M, Papp J, Phillips C, **Medley-Singh N**, Costenbader E, Hylton- Kong T, Kourtis A. Assessing Clinical Diagnosis of Sexually Transmitted Infections Among Women Initiating Contraceptive Implants in Kingston, Jamaica. October 2017, OFID 2017 Oct; 4(suppl\_1):S125-S125
- Snead MC, Wiener J, Ewumi S, Phillips C, Flowers L, Hylton-Kong T, **Medley-Singh N**, Legardy-Williams J, Costenbader E, Papp J, Warner L, Black C, Kourtis AP. Prevalence and risk factors associated with STIs among women initiating contraceptive implants in Kingston, Jamaica. Sex Transm Infect. 2017 Nov;93(7):503-507.
- Zia Y, J, Snead M, Papp J, Phillips C, Flowers L, **Medley-Singh N**, Costenbader E, Hylton-Kong T, Kourtis A. Assessing prevalence of missed laboratory-confirmed sexually transmitted infections among women in Kingston, Jamaica: results from a secondary analysis of the Sino-Implant clinical trial. BMJ Open 2018; 8(4)

- **Hunter-Greaves T**, Tate N, **Medley N**, **Simms – Stewart D**. Contraceptive Practices in Women With Medical Conditions in the Clinics at the University Hospital of the West Indies. *Obstet Gynecol*. 2018 May: 131 (75S)
- Phylcia Ricketts <sup>a</sup>Horace Fletcher<sup>b</sup> Mitko Voutchkov<sup>a</sup> Factors associated with mercury levels in human placenta and the relationship to neonatal anthropometry in Jamaica and Trinidad & Tobago *Reproductive Toxicology*, Volume 71, August 2017, Pages 78–83
- Ricketts, P., **Fletcher, H.**, Voutchkov, Impacts of maternal fish consumption and natural environment on placental mercury levels in Jamaica. M., (2017) *West Indian Medical Journal*, 66(2) 346–51.
- E Marguá, P Ricketts, **H Fletcher**, AG Karydas, A Migliori, JJ Leani, M Hidalgo, I Queralt, M Voutchkov. Total reflection X-ray fluorescence as a fast multielemental technique for human placenta sample analysis *Spectrochimica Acta Part B: Atomic Spectroscopy* 130, 53–59
- Rowe Gardner S, Gayle F, **Johnson N**. Maternal and Foetal Outcomes of Antiepileptic drug Use In Pregnancy in Afro–Caribbean Patients. *West Indian Med J*. doi: 10.7727/wimj.2017.172

## EDITORIAL BOARD MEMBERSHIP AND OTHER RESEARCH RELATED ACTIVITIES

### Fletcher H

*West Indian Medical Journal*

*Journal of Obstetrics and Gynaecology* (UK)

*International Journal of Obstetrics and Gynaecology* (USA)

*Obstetrics and Gynecology* (Green Journal) (USA)