

**THE LORD ALTON COURSE FOR SURGEONS**  
ADVANCES AND CHALLENGES IN THE PRACTICE OF SURGERY IN THE DEVELOPING WORLD  
25<sup>TH</sup> AND 26<sup>TH</sup> OCTOBER 2018

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**The 3<sup>Rd</sup> Lord Alton Course for Surgeons**  
ADVANCES AND CHALLENGES IN THE PRACTICE OF SURGERY IN THE DEVELOPING WORLD

**SURGICAL PATHOLOGY FOR RADIOLOGISTS AND PRACTICING SURGEONS**



AT THE GHANA COLLEGE OF PHYSICIANS AND SURGEONS, THE MILITARY HOSPITAL AND KORLE BU, ACCRA



Registration @ Ghana College of Physicians and Surgeons  
For the exclusive attention of Ms Murinatu Mustapha +233302238650  
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## **ABOUT THE COURSE**

The course has been set up by Motec Life- UK as an annual event for surgeons across West Africa in collaboration with the Ghana College of Physicians and Surgeons and the West African College of Surgeons. The international meeting is also supported a plethora of professionals (volunteers) drawn mainly from Motec, the London School of Postgraduate Surgery and the World Orthopaedic Concern-UK and National College of Surgeons of Ghana and West Africa and the World Orthopaedic Concern-UK.

The course strives to promote clinical excellence and also to improve current practices taking into consideration the challenges in the developing world. It will incorporate views and experiences from Africa and the UK with the key objective of improving surgical care in the sub-region.

The topics selected are based on over 10 years of voluntary clinical and educational activity by Motec and the World Orthopaedic Concern UK in West Africa. It is intended to be CME approved. The course dates are scheduled for **25<sup>th</sup> and 26<sup>th</sup> October 2018**. It is envisaged that the course will expand to cover non-surgical surgical specialties in future. The 2018 course will focus on surgical pathologies and the role of diagnostic and interventional radiology in best clinical

### **The Course**

- Key emphasis will be radiologic-surgical-pathologic correlation
- MDT style with expert consultants from various disciplines from the UK and Ghana contributing to appropriate diagnostic and interventional procedures.
- The target audience is practicing surgeons, radiologists and residents in both community or academic practice,
- It is designed to meet the following Competencies: Provide Patient-Centred Care; Work in Interdisciplinary Teams; and Employ Evidence-Based Practice and the Application of Quality Improvement.

Upon completion of this course, participants will be able to:

- Evaluate new criteria for pathologic diagnoses in several areas of surgical pathology.
- Recognize unusual radiological entities and apply criteria for their diagnosis.
- Review the decision-making process used to arrive at specific diagnoses.

## **WHO SHOULD ATTEND**

- Consultants, specialists and resident radiologists
- Consultant, specialist and resident surgeons
- General, Trauma and Orthopaedics, Obstetrics, Gynaecology, Vascular, Breast
- Stroke Physicians
- Specialist radiologists in practice:
- Radiographers in active practice
- Doctors preparing for various stages of the exit surgical examinations in Ghana and West Africa
- General Medical Practitioners who want to broaden their knowledge in surgical pathology diagnosis

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**CONFERENCE VENUE:** The 201 8venue is the **Ghana College of Physicians and Surgeons on Thursday 25<sup>th</sup> October and first sessions on 26<sup>th</sup> October at Korle Bu (08.00- 13.00) and afternoon session at the Military Hospital (14.00 – 16.30)**

The Ghana College is located at 54 Independence Ave, Ridge, Accra.  
 Tel (+233) 24 369 0073 (+233) 30 223 8650 (+233) 30 223 870

Planned programme –

<u>Thursday</u> <u>25<sup>th</sup></u> <u>October -</u>	<p><u>09,00 – 14.30</u> lectures, interactive sessions with all specialty consultants at the Ghana College. Chairman – Prof Sam Debrah, Ghana College of Physicians and Surgeons</p> <p><u>15.30 – 17.00</u> <b>37 Military Hospital</b> Workshop, X ray Department– 8 patients for Ultrasound scan Guided injection of shoulder, hip, carpal tunnel, knee joint</p>
<u>Friday 26<sup>th</sup></u> <u>October -</u>	<p><u>08.30 – 15.00</u> <b>Practical session at Korle Bu Teaching Hospital</b></p> <p>a. CT guided biopsy, CT guided procedures in abdominal sepsis, ultrasound Guided joint aspiration</p> <p>b. MRI imaging masterclass – participants bring along ‘challenging images’</p> <p>c.-Vascular lab – interventional options for vascular disease                  -: Stroke Unit- Korle Bu – Interactive session and CT guided perfusion – for qualified acute cases.</p>

**Lecture Content**  
**Dr Ashish Bhagat**

1. Role of Ultrasound in musculoskeletal imaging.

Ultrasound has become the primary diagnostic tool in traumatic, inflammatory and degenerative soft tissue conditions. It is also used to monitor the condition of joints, ligaments, cartilage and muscles. The role of ultrasound in musculoskeletal imaging has grown rapid, because of improvement in technology, easier access to not so expensive equipment, increasing knowledge and expertise. This talk will try and enumerate the indications of ultrasound with some illustrative cases of common pathologies, and how ultrasound fits into the whole range of imaging modalities. This should help clinicians and radiologist understand appropriateness of ultrasound use and stimulate them to embark on learning musculoskeletal ultrasound.

2. Clinico-Radiological case discussion:

Getting to a diagnosis is very similar to a detective solving a crime. The Clinician and the Radiologist together make a team similar to a Detective and a Forensic scientist. This interactive talk will use some illustrative cases to demonstrate how collaboration between the clinician and radiologist can solve difficult diagnostic dilemmas.

3. Musculoskeletal Ultrasound workshop:

This workshop will demonstrate ultrasound techniques and anatomy of normal joints on volunteers. Patients with diagnostic problems will be scanned demonstrating pathologies, pitfalls and limitations of musculoskeletal ultrasound. Ultrasound guided injections will be demonstrated.

**Dr Nizar Damani**

1. Introduction and clinical application of interventional Radiology.

Interventional Radiology (IR) is a subspecialty of radiology encompassing procedures performed using imaging guidance such as fluoroscopy, CT, ultrasound and MRI to diagnose and treat a wide variety of conditions. The topic will introduce the audience to various interventional procedures and basic necessary equipment, catheters and wires needed to perform these procedures.

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2. Case Studies of various clinical based vascular scenarios.

Interactive session of various common clinical cases exploring various interventional treatment options for common vascular diseases. Various noninvasive investigation to diagnose the vascular disease and final clinical outcome will be demonstrated in this session.

3. Work shop.

Introduction to various wires and Catheters. The participants will able to see and feel various wires and catheters and learn their applications in various interventional procedures.

**Miss Dawn McDonald**

1. Topic: The Role of Radiology in Breast Imaging.

The aim of breast radiology is to diagnose breast disease – in the screening and symptomatic services – in a timely manner in order for patients to manage their symptoms, or to be referred on for further management of their symptoms. This may result in a benign or malignant diagnosis. Surgical intervention could be a consequence of diagnosis, or even further referral to oncology at later stage. Mammography can be an integral aspect of this pathway; in the screening services, women over the age of 47 years will undertake a mammogram, and in the symptomatic service, those women over the age of 40 years. The role of breast ultrasound (U/S) is to help distinguish between solid and cystic lesions, often working in conjunction with mammography in the aid to diagnosis. U/S guided breast biopsy (as well as x-ray guided) is also essential to deliver a diagnosis, with histopathological diagnosis of a symptom being the gold standard that should be aimed for and achieved.

2. Case Studies

A brief overview of how mammography and U/S factors into the breast diagnostic service using 3 or 4 case studies to illustrate their role in breast disease. Interactive session of various common clinical cases exploring various interventional treatment options for common vascular diseases. Various noninvasive investigation to diagnose the vascular disease and final clinical outcome will be demonstrated in this session.

3. Workshop

A classroom / clinical-based workshop demonstrating the diagnosis of breast pathology including the practical use of breast biopsy. This will include an overview of the basic use of the U/S machine and the minimum requirements needed to deliver a good service.

**Mr. Nicholas Tessier**

1. CT guided percutaneous drainages in abdominal sepsis

CT guided percutaneous drainages is a quick, minimally invasive technique for treating intraabdominal abscesses / collections / gallbladder empyema. This lecture will show the basic methods involved in a CT guided drainage from equipment selection to use of CT scanner in room procedures and limitations

2. The use of CT perfusion in acute stroke

CT perfusion can be used to aid the stroke physician in determining if an acute stroke has the potential to be reversed with thrombolysis despite not knowing the time of onset of symptoms. This lecture will go through the basics of CT perfusion giving examples of matched & mismatched deformity's allowing the audience to easily determine if an acute stroke patient has the potential for recovery.

**David Collas – Stroke teaching**

1. Introduction - Starting with the basics of stroke mechanisms I will lead up to the latest in acute management in the emergency situation with illustrations from our evolving practice of the past few years. There will be examples of stroke in younger adults, some rarer causes of stroke, and consideration of longer-term management including rehabilitation and prevention of recurrent stroke.
2. Case Scenarios in Stroke – this will be a step-by-step approach inviting questions and answers as the stories unfold. I will be using a wide range of examples to illustrate the varied presentations encountered (TIAs, infarcts and haemorrhages in a variety of locations and with varying clinical symptoms and signs) and the many causes of stroke (embolic, large vessel occlusion, small vessel disease as in hypertension). This will lead on to consideration of appropriate investigations and management both in the acute phase and in secondary prevention.

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**THE FACULTY**



**Dr Ashish Bhagat** MBBS MD FRCR Consultant Radiologist at West Herts Hospitals NHS Trust, England. Main work: General radiology with special interest in musculo-skeletal scanning, Leader of The Lord Alton Teaching Faculty 2018



**Dr Nizar Damani** is a consultant Radiologist at Watford General Hospital. He qualified in 1984 and gained his Fellowship from both Royal College of Radiologist in London (FRCR) and Royal College of Radiologist in Ireland (FFR(RCSI) in 1992. He gained further fellowships in Body Imaging and interventional Radiology from Dalhousie university in Halifax and University of Toronto Canada. His main interest is in Interventional Radiology and is a lead interventional Radiologist at his Hospital for last 20 years. He is also experienced Radiologist trained in body imaging. He also has level II accreditation in Cardiac CT



**Dr Yaw B. Mensah** Consultant Radiologist, Head of Department, Korle Bu Teaching Hospital, Accra



**Dr Idun Ewurama**, BSc. MB.ChB. FGCP. MGCP. Consultant Radiologist(Head of Department), 37 Military Hospital, Accra. Member, Radiological Society of North America



**Mr. Nick Tessier** is the Lead acute CT Superintendent Radiographer at West Herts NHS Trust, he has 20 years post qualification experience in CT.

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For the last 9 ½ years he has been running the acute CT service at west Herts NHS Trust, this service conducts around 20000 CT examinations a year. Nick is the first Radiographer in the UK to perform CT guided percutaneous drainages (this is normally the remit of consultant Radiologists).

**Miss Dawn McDonald**; BSc (Hons) Diagnostic Radiography **MSc** Medical Imaging (Br) **Diagnostic Breast Imaging**. Accredited Consultant Radiographer at Chelmsford NHS Trust, UK: Breast Consultant incorporating the 4 domains of breast radiography into clinical practice – Clinical Expert, Professional Leadership, Service Development and Education.



**Dr David Collas**

Consultant Stroke Physician, West Hertfordshire Hospitals NHS Trust

I qualified from University College London with a First Class Honours degree in pharmacology and trained in medicine there and at St George's Hospital London.

My research interests include: CT perfusion and its role in thrombolysis decisions



**Peter Dyson** B.Sc., M.B, B.S., M.Ch. (Orth), F.R.C.S. Consultant Orthopaedic Surgeon with specialist interest in spinal surgery at West Herts NHS Trust. Watford. England. External Examiner for WACS. Patron, Motec Life-UK His undergraduate training was at University College Hospital in London, followed by general and orthopaedic surgical training at the Westminster Hospital, Middlesex Hospital and Royal National Orthopaedic Hospital.

**interest:** *Improvements in spinal care in Ghana (Motec Life -UK)*

**Research interests:** include outcomes of spinal fusion and compensation in spinal surgery.



**P. Ofori-Atta** MB. ChB. FRCS. Motec Life -UK Founding President. WOC-UK link Officer for West Africa.

**Special clinical interests:** Knee / Hip Arthroplasty / Sickle cell bone and joint disease



**Prof Sam Debrah**. MB ChB, FRCSEd, FRCS(Ed)Gen, FGCPs, FWACS. Chairman, Faculty of Surgery, Ghana College of Physicians and Surgeons (GCPS), Head of Surgery, University Hospital of Cape Coast.

Special interests: - Colorectal, Breast and Trauma Surgery

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**Prof Nigel Standfield.** Consultant vascular surgeon and Professor at Imperial academic health sciences centre, based at Hammersmith and Charing Cross Hospitals. He is the Dean of the London Postgraduate School of Surgery and a Council member of the Royal College of Surgeons.

He is a WACS External Examiner in Cardiothoracic / Vascular Surgery

**Clinical interests:** All aspects of vascular surgery with a specialist interest in congenital vascular malformations and lymphoedema.

**Other interest:** Promoting education / training, professional work ethics in West Africa



**Mr Kristian Aquilina** FRCS (SN) MD Consultant Paediatric Neurosurgeon, Great Ormond Street Hospital, London

Areas of interest: Neurosurgical lead for neuro-oncology at Great Ormond Street Hospital, London with particular interest in brain tumours in children• Surgical management of spasticity in children with cerebral palsy; and selective dorsal rhizotomy in cerebral palsy, using the single-level microsurgical approach; performed the first procedure in the UK in 2011.



**Dr William Appeadu-Mensah.** MB. ChB., FWACS, FGCS, Consultant Paediatric Surgeon and Paediatric Urologist. Secretary Faculty of Surgery GCPS, Head: Paediatric Surgery Unit, Department of Surgery Korle Bu Teaching Hospital, Senior Lecturer, Department of Surgery, SMD. Special Interest –Paediatric Urological conditions



**Raymond Ofori** DSci, CSci, and FIBMS Microbiologist Imperial College Healthcare NHS Trust based at Charring Cross Hospital. London.

**Special interests:** Antibiotics resistance; Laboratory service improvements in sub-Saharan Africa (Motec Life - UK)

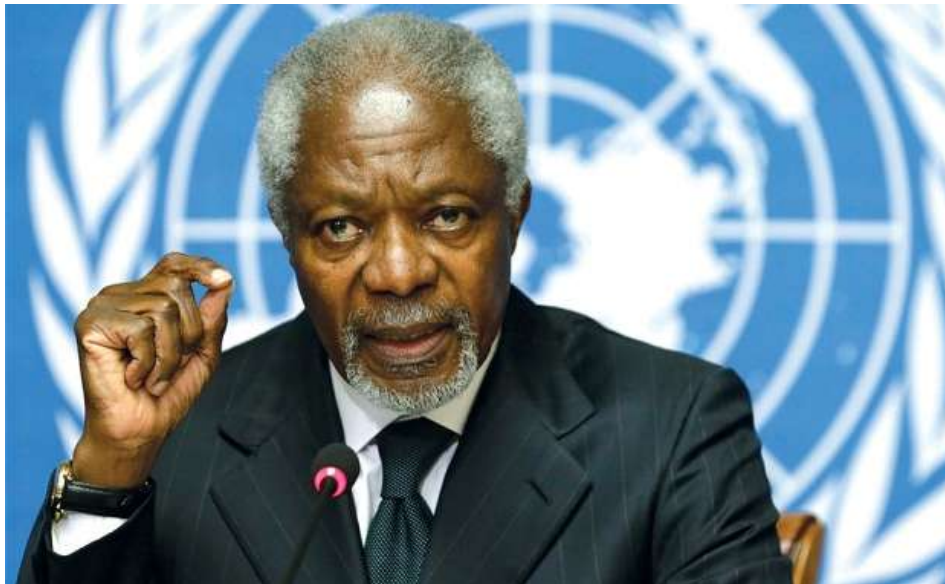


**Mr Henry Holdbrook-Smith** MB. ChB FRCS, Orthopaedic Surgeon. Ghana. Examiner- Ghana College of Surgeons

Special interests: Hip arthroplasty and trauma

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'Knowledge is power. Information is liberating. Education is the premise of progress, in every society, in every family.'

*Kofi Annan*

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