**WEST AFRICAN COLLEGE OF PHYSICIANS**

**FACULTY OF INTERNAL MEDICINE**

REQUIREMENTS FOR SUBSPECIALTY ACCREDITATION IN GASTROENTEROLOGY

TRAINING INSTITUTIONS

All Training Institutions admitting doctors for the sub-specialty training in Gastroenterology must be accredited by the West African College of Physicians (WACP) (**M**)

1. Accreditation in General Medicine

Any institution or department applying for accreditation in the sub-specialty of Gastroenterology must have been accredited for General Medicine in order to guarantee appropriate back-up training in other related sub-specialties of Internal Medicine. All the facilities required for accreditation in General Medicine must be present. (**M**)

There shall be no basis for **sub-specialty accreditation** if the criteria above are not met.

1. **Gastroenterology Unit**

There must be a well established Gastroenterology Unit with a minimum of two Consultant Gastroenterologists one of who should preferably be a Fellow of the West African College of Physicians of not less than 5 years post-fellowship experience. There shall be at least one Senior Resident and two Junior Residents in the Unit. (**M**)

**Gastroenterology Clinic**

There should be a well established Gastroenterology Clinic run by the Consultant staff and Resident doctors. (**M**)

There should be at least two (2) consulting rooms each equipped with the following:

Consultation table/desk and chairs (**M**)

X-Ray viewing box (**M)**

Examination couch (**M**)

Screen (**M**)

Angle poise lamp (**M**)

Examination tray with the following consumables: latex gloves, lubricant jelly, cotton wool, methylated spirit, syringes and needles (**M**)

Pen torch, tape measure, weighing balance and height-o-meter (**M**)

Proctoscope (**D**)

1. **Administrative Structure and Facilities**

The Training Institution must have a Director of Postgraduate Training and a complement of administrative staff including technical staff for equipment and electrical maintenance. The Department housing the Gastroenterology Unit must have a Head of Department and each Consultant must have an office. (**M**)

1. **GIT Endoscopy Unit**

There must an active, functional Gastrointestinal (GIT) Endoscopy Unit with the following facilities and personnel:

Endoscopy Room (air-conditioned) – minimum of 2 (1 each for upper and lower GIT endoscopy) (**M**)

Reception/Counselling Room (**M**)

Patient Changing Room/Cubicle (**M**)

Recovery Room with cardiopulmonary resuscitation facilities (**M**)

Toilets (male & female) (**M**)

Video endoscopes preferably: gastroscope (at least 3), duodenoscope (at least 1) and colonoscope (at least 2) (**M**)

Enteroscope (**D**)

Capsule endoscope (**D**)

Laser beam machine (**D**)

Endoscopic ultrasound (**D**)

Simulators (**D**)

Urea Breath Test (UBT) machine, at least 1 in the Endoscopy Unit (**M**)

Facilities for Endoscopic Retrograde Cholangio-Pancreatography (ERCP) with at least 1 fluoroscopy unit (**D**)

Trained/certified endoscopy nurses, at least 1 per endoscopy room (**M**)

Nursing assistant/aide, at least 1 per endoscopy room (**M**)

Cleaner/messenger, at least 1 per endoscopy room (**M**)

Clerk/Typist, at least 1 per Endoscopy Unit (**M**)

Movable procedure couch, at least 1 per endoscopy room (**M**)

Patient monitors/pulse oximetry, at least 1 per endoscopy room (**M**)

Mobile screen, at least 2 per endoscopy room (**M**)

Endoscope storage cupboard or wall rack (for hanging endoscopes), at least 1 per endoscopy room (**M**)

Storage cupboard for supplies, consumables and stationeries (**M**)

Endoscope sterilizing equipment – automatic or manual (**M**)

Endoscope accessories and consumables: suction machine (at least 1 per endoscopy room), light source (at least 2 per endoscopy room), biopsy forceps (at least 2 per endoscopy room), grasping forceps (at least 1 per endoscopy room), leakage tester (at least 1 per endoscopy room), standard sterilizing fluid, camera/colour photo printer, band ligation sets, injector needles, sclerosants & haemostatics, rapid urease test kits, drugs for endoscopic procedure (e.g. anaesthetic spray, sedatives, narcotics and smooth muscle relaxants), polypectomy snares, oesophageal dilators/stents and heater probes (**M**)

1. **In-Patient Facilities**

The Gastroenterology Unit shall have a minimum of 10 hospital beds (5 male & 5 female). There shall be at least one side or procedure room in the ward for percutaneous liver biopsy and oesophageal pH monitoring & manometry. Liver biopsy needles, preferably Menghini and Tru-Cut (disposable & non-disposable) and liver aspiration needles (for liver abscess aspiration) should be available. There should be at least one nurse to 8 patients per shift in the wards. (**M**)

1. **Diagnostic and Supportive Services**
2. **Radiology**. There must be a well established Radiology Department in the Training Institution with at least 2 full-time Consultant Radiologists. One of them should be interested in Interventional Radiology. The Radiology Department must have facilities for X-Rays, barium & contrast studies, ultrasound and CT scan (**M**). Facilities for MRI and Magnetic Resonance Cholangiopancreatography (MRCP) will be desirable (**D**).
3. **Haematology**. There must be a well established Haematology Department with at least 2 full-time Consultant Haematologists. The department must have a functional blood bank with 24-hour service, facilities for blood count, comprehensive hepatitis viral markers, HIV screening and coagulation tests (**M**).
4. **Histopathology**. There must be a well established Histopathology or Morbid Anatomy Department with at least 2 full-time Consultant Histopathologists. One of them should be a GIT Histopathologist (**M**).
5. **Microbiology/Virology**. There must be a well established Microbiology/Medical Virology Department with at least 2 full-time Consultant Staff. The department should have facilities for simple microscopy, culture & sensitivity techniques (including techniques for isolating *Helicobacter pylori*) and viral genomic tests (PCR for HBV DNA & HCV RNA) (**M**).
6. **Chemical Pathology**. There must be a well established Chemical Pathology Department with at least 1 full-time Consultant Staff. The department should have facilities for liver function tests, serum electrolytes & urea/creatinine, lipid profile, blood sugar and urinalysis (**M**).
7. **Obstetrics & Gynaecology**. There must be a well established Obstetrics & Gynaecology Department with at least 2 full-time Consultant Obstetricians. The department must have facilities for ante natal care (clinic & emergency services) and emergency delivery/surgery (**M**).
8. **Supporting Departmental Consultant Staff**

There shall be a Consultant providing full-time coverage in the recognized sub-specialties of (not inclusive of those already mentioned in no. 6 above):

1. Endocrinology (**M**)
2. Pulmonology (**M**)
3. Cardiology (**M**)
4. Neurology (**M**)
5. Infectious Diseases (**M**)
6. Emergency/Critical Care Medicine (**D**)
7. Dermato-Venereology (**D**)
8. Rheumatology (**D**)
9. Geriatrics (**D**)

The minimum acceptable functional Consultant unit shall consist of a Consultant, two Residents and one House Officer and such a unit shall have access to at least 12 in-patient beds (**M**).

1. **Educational Activities in the Gastroenterology Unit**
2. Clinico-Pathological Conference: this activity should hold at least once a month and should incorporate liver and endoscopic biopsy reviews with the Pathologist (**M**)
3. Radiology Seminar: there shall be ultrasound & CT scan sessions with the Consultant Radiologist at least bi-monthly (**M**)
4. Postgraduate Seminar/Journal Review: this activity should hold at least fortnightly and should involve presentations of current/topical issues in Gastroenterology (**M**)
5. Departmental Grand Round; there must be active participation and presentations by the unit in this activity at least bi-monthly (**M**).
6. Library: this shall either be a unit library or part of the departmental library and shall be equipped with standard text books and journals (at least 2) of Gastroenterology (**M**), endoscopy text books (**M**) and internet facilities (**D**).

**SCORING**

**Mandatory Requirements (M): 3 points**

**Desirable Requirements (D): 1 point**

**ACCREDITATION CATEGORIES**

**Full Accreditation**

1. Full or Partial Accreditation of WACP for training in General Medicine
2. A percentage score of ≥ **80%** in Mandatory Institutional, Departmental and Unit requirements and ≥ **80%** in Support services

**Partial Accreditation**

1. Full or Partial Accreditation of WACP for training in General Medicine
2. A percentage score of **70 – 80%**  in Mandatory Institutional, Departmental and Unit requirements and **70 – 80%** in Support services

**No Accreditation**

1. No accreditation of WACP for training in General Medicine
2. A percentage score of **less than 70%** in Mandatory Institutional, Departmental and Unit requirements and **less than 70%** in Support services.