

ONLINE ADVANCED  
**HIV MANAGEMENT**  
**COURSE**  
FOR DOCTORS



## Online Advanced HIV Management Course for Doctors – COURSE CURRICULUM

### **Module 1: Introduction**

1.1 Introduction

### **Module 2: Basic Science and Epidemiology**

2.1 The Origin of HIV

2.2 Virology

2.3 Immunology

2.4 Epidemiology

### **Module 3: Testing, counselling & disclosure**

3.1 HIV Diagnostic Modalities

3.2 Testing in Infants and Pregnant Women

3.3 Counselling

3.4 Disclosure

### **Module 4: Prevention**

4.1 Pharmaceutical Methods of Prevention

4.2 Pre-Exposure Prophylaxis (PrEP)

4.3 Post-Exposure Prophylaxis (PEP)

4.4 Voluntary Medical Male Circumcision (VMMC)

### **Module 5: ART**

5.1 Classes of ART

5.2 Principles of ART

5.3 Supporting Adherence

5.4 ART Side Effects

5.5 Providing first-line ART in adolescents & adults

5.6 Drug interactions

5.7 Principles of Resistance

5.8 Treatment failure and treatment interruption

5.9 Second-line ART

5.10 New ARVs and Strategies

### **Module 6: Sexual and Reproductive Health**

6.1 Overview of Reproductive Health

6.2 Contraception

6.3 Safer Conception

6.4 Sexually Transmitted Infections (STIs)

### **Module 7: Vertical Transmission Prevention (VTP) and Paediatrics**

7.1 Review of VTP

7.2 Diagnosing infants and children

- 7.3 Providing ART in children < 10 years of age
- 7.4 Paediatric TB
- 7.5 Prophylaxis & Vaccines
- 7.6 Adolescents

### **Module 8: Key Populations**

- 8.1 Sensitisation
- 8.2 Key Populations

### **Module 9: Systems**

- 9.1 Neurology
  - 9.1.1 Cognitive impairment in PLWH
  - 9.1.2 Cryptococcal Meningitis
- 9.2 Respiratory disorders
- 9.3 Hepatology
- 9.4 Renal
- 9.5 Gastroenterology
- 9.6 Haematology
- 9.7 Dermatology
- 9.8 HIV & The Eye
- 9.9 Other - Musculoskeletal / cardiology / endocrine

### **Module 10: Comorbidities and Ageing**

- 10.1 Cancer in PLWH
- 10.2 Comorbidities
- 10.3 Psychiatry
- 10.7 Vaccines
- 10.7 Ageing

### **Module 11: TB**

- 11.1 Tuberculosis
- 11.2 Paediatric TB

### **Module 12**

- 12.1 Acutely Ill patient
- 12.2 Palliative Care in HIV

### **Module 13: Programmatic Issues**

- 13.1 Quality Improvement
- 13.2 Differentiated Models of Care
- 13.3 Differentiated Care