Operational Research Course
(Semester 2)

This course covers the following topics:
Introduction to Operational Research; Study Designs; Error, Bias & Confounding; Data Collection & Data Management; Research Ethics; Framing a Research Question; Writing a Protocol; Choosing Populations & Sampling; Practical Implementation; Writing Skills.

The courses are targeted at primary care or community-level doctors & nurse practitioners (with a 4-year Bachelor of Nursing or equivalent).

Academic Facilitator:
Ms. Melissa May

Desmond Tutu HIV Centre,
UCT Health Sciences Faculty,
Anzio Road, Observatory, 7925
Tel: 021 650 1775
Email: Melissa.Slabbert@hiv-research.org.za

Department of Medicine
Faculty of Health Sciences
University of Cape Town
Anzio Road, Observatory 7925

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Fully funded scholarships available

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Get a UCT post-graduate qualification from your bed!
The Desmond Tutu HIV Centre, in collaboration with ICAP-SA & UCT offer the following online training courses:

Semester 1:
• Clinical Management of HIV
• TB/HIV Co-infection

Semester 2:
• Clinical Management of TB
• Operational research
More about our courses

Clinical Management of HIV Course (Semester 1)
Topics covered: Epidemiology of HIV; Overview of HIV Diagnostic Tests; HIV Testing & Counselling in Adults & Children; Common Opportunistic Infections; ARV Drugs & Lifecycle of HIV, Initiating & Monitoring ART in Routine Patients & Patients with Co-morbid Conditions; Recognising & Managing ART Resistance/Failure & Treatment Interruptions; Drug Toxicity & Management; Immune Reconstitution Inflammatory Syndrome.

TB/HIV Co-infection Course (Semester 1)
Topics covered: TB/HIV Integration; Isoniazid Preventive Therapy (IPT); Initiation of TB Treatment; Initiating ART in Patients Already on TB Treatment; Drug Interactions between Rifampicin & ARVs; Treatment of Drug-resistant TB/HIV Co-infection; Considerations for Combined TB Treatment / ART Use in Special Populations; Monitoring the Co-infected Patient; Management of Common Adverse Drug Reactions; TB-IRIS; Clinical Deterioration of HIV-positive Patients on TB Treatment; Management of Non-tuberculosis Mycobacteria / NTM & Treatment of Non-Tuberculosis Mycobacteria.

Clinical Management of TB Course (Semester 2)
TB Diagnosis in Adults & Children; TB Contact Management; Signs & Symptoms of TB in Adults & Children (including Extra-Pulmonary TB); Treatment & Management of Drug-sensitive & Drug-resistant TB in Adults & Children; Treatment of Extra-pulmonary TB & Monitoring of TB Therapy.