PATS MECOR 2012

Pan African Thoracic Society – American Thoracic Society
and the
Kenya Medical Research Institute
Liverpool School of Tropical Medicine

10 – 14 September 2012
Nairobi, Kenya
PATS MECOR 2012—
Measuring the Burden of Lung Disease in Africa

The countries of PATS MECOR 2012
PATS MECOR 2012—
Where we met
PATS MECOR—
Our Leaders

Our Host

Evans Amukoye, MBChB

Director, Center for Respiratory Diseases Research
Kenya Medical Research Institute
PATS MECOR—
Our Leaders

A. Sonia Buist, MD
Oregon Health Sciences University
Director, ATS MECOR Program

Stephen Gordon, MD
Liverpool School of Tropical Medicine
Director, PATS MECOR
PATS MECOR—Introductions
PATS MECOR—Our Students
Level 1
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PATS MECOR—Our Students
Level  3
PATS MECOR—Our Students
Level 3
PATS MECOR—
Our Faculty & Staff
PATS MECOR Hard at Work:
Our “Conversations” in Classrooms
PATS MECOR Hard at Work:
Our “Conversations” in Classrooms
PATS MECOR Hard at Work:
Our “Conversations” in Classrooms

The “pop” quiz
PATS MECOR Hard at Work: Small Groups & Consultations
PATS MECOR Hard at Work: Small Groups & Consultations
Spirometry Training
PATS MECOR—Successes

Research Project: Mobile phone technology in survey of airflow obstruction in 2 African countries (I. Alphonsus, I. Herve)

Degree: MSc Infectious Diseases (A. Kpangon)
What is the Question?
Level 1 Studies

- Obstructive Sleep Apnea Risk Among Hypertensive and normotensive Patients in 5 Hospitals
- Knowledge, Attitudes and Practice Regarding COPD Diagnosis and Treatment in GPs and Pulmonologists in Kenya and Nigeria
- HIV Co-Infection as a Risk Factor for Spiromotive Abnormalities after TB
- Effect of Adverse Drug Reaction to Treatment Outcomes of MDR TB Patients at High Risk in 3 Hospitals (DR Congo, Kenya, Tanzania)
- The Burden of Obstructive Lung Disease Among HIV Positive Adults in Kenya and Nigeria
What is the Question?
Level 2 Studies

- Prevalence of Asthma in Children Attending Kerugoya District Hospital Pediatric Outpatient Clinic in Central Kenya
- Prevalence of Asthma in Lumbashi (Katanga), A Mining Area, Through an ISAAC Study
- What are the Determinants of Non-Response to Antibiotics in Children Under 5 Hospitalized for Pneumonia in a Tertiary Hospital in Nigeria
- What is the Change in FEV1 During Acute Exposure to Organophosphorus Pesticides Among Cotton Farmers in Benin Republic
What is the Question? Level 2 Studies

- Does Use of an Algorithm Reduce Diagnostic Time for MDR TB Patients at High Risk Of MDR TB
- Evaluation of the Awareness of National Control Program on TB/HIV Co-Infection Among Primary Cate Physicians in Ebonyi State, Nigeria
- Lung Function Abnormalities and Associated Factors in Adults with HIV Infection in a Tertiary Hospital
- Community Participation in Alcohol and HIV Collaborative Activities; Constraints, and Costs for Enhancing the Integration of Alcohol and HIV in Programs in a Semi-Urban Area of Botswana
What is the Question?
Level 2 Studies

- What is the Respiratory Muscle Strength in COPD versus Normal Controls
- Prevalence of Drug Resistant TB Among Patients Receiving Treatment for TB in Namibia
- Auditory Impact of Combined Anti-TB and Anti-Retroviral Therapy in Co-Infected Patients
- What is the Parental Knowledge, Beliefs, Management Practices, and Information Sources Concerning Fever in Children Under 6 Years Old
What is the Question?
Level 3 Studies

- What is the Influence of ARVs on the Risk of Aminoglycoside-Induced Hearing Loss in Patients Concomitantly Treated for MDR TB in Namibia
- What are the Screening Criteria and Predictors of TB Among HIV Patients in Benin
- What is the Waiting Time for Radiological Services in the Nigerian Tertiary Care Hospital System
- What are the Determinants of Hospital Mortality in Adults with CAP in SE Nigeria; a 5 Year Multi-Center Study Case Control Study
- Prevalence of Lung Function Disorders Among Quarry Workers in Edo State, Nigeria
PATS MECOR—
Our Course Presentations
PATS MECOR--Sports...
“The 3rd Annual PATS MECOR Soccer Game”
PATS MECOR--Sports...

“The 3rd Annual PATS MECOR Soccer Game”

Black Bandanas: 3 Goals
Green Bandanas: Zero Goals
PATS MECOR--Sports

“The bandanas of MECOR”
PATS MECOR—Level 2
PATS MECOR—Level 3
Spriometry Training
PATS and ATS are the sponsors of the PATS MECOR 2012 in Brackenhurst, Kenya

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Division of Tuberculosis and Lung Disease
Liverpool School of Tropical Medicine

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PATS MECOR 2012

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Jane Ardrey, PATS Secretariat
Fran Du Melle, ATS Staff
Improving global lung health in Africa through development of local, country and regional lung disease research capacity

“Asante sana”