A REGIONAL SURVEILLANCE SYSTEM FOR CHRONIC NON–COMMUNICABLE DISEASES

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De Caribbean Man

- One race (de Caribbean man)
- From de same place (de Caribbean man)
- Dat make de same trip (de Caribbean man)
- On de same ship (de Caribbean man)
- So we must push one common intention
- Is for a better life in de region
- For we woman, and we children
- Dat must be de ambition of de Caribbean man
- De Caribbean man, de Caribbean man

- Caribbean Unity, Black Stalin, 1979
## Leading Causes of Death

<table>
<thead>
<tr>
<th></th>
<th>Bahamas</th>
<th>Barbados</th>
<th>Belize</th>
<th>Guyana</th>
<th>Jamaica</th>
<th>Trinidad &amp; Tobago</th>
</tr>
</thead>
<tbody>
<tr>
<td>Heart Disease</td>
<td>Pulmonary Circulation Disease and other forms of heart disease</td>
<td>Heart Disease</td>
<td>Ischemic Heart disease</td>
<td>Malignant neoplasms</td>
<td>Ischemic Heart disease</td>
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<tr>
<td>Malignant neoplasms</td>
<td>Cerebro-vascular disease</td>
<td>Diabetes mellitus</td>
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<td>Diabetes mellitus</td>
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<tr>
<td>HIV Disease</td>
<td>Diabetes mellitus</td>
<td>Ischemic Heart disease</td>
<td>Diabetes mellitus</td>
<td>Heart disease</td>
<td>Malignant neoplasms</td>
<td></td>
</tr>
<tr>
<td>Accidents-Suicide and Homicide</td>
<td>Hypertensive disease</td>
<td>Transport accidents</td>
<td>HIV disease</td>
<td>Homicide</td>
<td>Cerebro-vascular disease</td>
<td></td>
</tr>
<tr>
<td>Diabetes mellitus</td>
<td>Pneumonia</td>
<td>HIV</td>
<td>Hypertensive disease</td>
<td>Hypertensive disease</td>
<td>External causes</td>
<td></td>
</tr>
</tbody>
</table>
“One Common Intention – Better life in the region”

Regional NCD Surveillance System

INFORMATION

(Shared, Comparable, Quality, Timely data)

for

PLANNING, DELIVERY, MONITORING

IMPROVED PROGRAMMES & PROTOCOLS

Better and more cost-effective health services

HEALTHY COMMUNITY

Reduced morbidity and mortality
Mechanism for Implementation of the Project

Network of Country Focal Points

CMO Steering Committee

CAREC

UWI

IDB Funded Regional Non-Communicable Disease Surveillance Project for Bahamas, Barbados, Belize, Guyana, Jamaica and Trinidad and Tobago implemented by the University of the West Indies
Behavioural Risk Factors
- Unhealthy diet
- Low physical activity
- Smoking

Metabolic Risk Factors
- Hypertension
- Overweight
- High Blood Sugar
- High Blood Cholesterol

Chronic Non Communicable Disease

Disease Treatment & Management Costs: Delivery Social

Screening Policies

Program Development

Policies

Treatment Protocols

SHARED DATABASE

Social and Environmental Factors
Steps along the way

- Establish National Registers with common database items so that the information is comparable among countries
- Conduct of Behavioural Risk Factor Surveys for risk assessment and to identify opportunities for intervention
- Determine mechanisms for data sharing and analysis
- Policy development
Data Management

- Establish / Update National Registers
- Uniform Database
  Pan American Version of STEPS
  - For Chronic Disease
  - Risk Factor Surveillance
- Information Technology Infrastructure
- Mechanism for data storing, sharing and analysis
Surveillance System

- Identify components of the regional NCD Surveillance System and pilot in one country
  - Protocols
  - Instruments
  - Algorithms for access and care
Policy Development

- Guide the allocation of resources
- Assess interventions for effectiveness
- Guide health communication programmes
- Coordinate revenue sources
- Monitor and evaluate progress of the Declaration of Port of Spain
Summary

- Three year project funded by the IDB
- Six Caribbean Countries collaborating to produce a surveillance system for Chronic Non-Communicable Disease.
- Guided by the CMOH, working with UWI and support from CAREC
- Project Start up: January 2009
- Provide support to monitor progress to “Declaration of Port of Spain”.
Acknowledgements

- IDB - $650,000 USD
- Sir George Alleyne
- Prof. Anselm Hennis
- Prof. Rainford Wilks