

Bristol-Myers Squibb Foundation  
**SECURE THE FUTURE**<sup>®</sup>  
*Care and support for Communities Affected by HIV/AIDS in Africa*



Nelson Mandela Academic Decentralized Lung Cancer Project,  
Eastern Cape Province  
Wits Health Consortium/Nelson Mandela Academic Hospital  
Dr Zukiswa Jafta-Madasa



Bristol-Myers Squibb Foundation  
**Specialty Care for  
Vulnerable Populations**  
Care Collaborations & Patient Support

Bristol-Myers Squibb Foundation  
**Bridging Cancer Care**<sup>™</sup>  
*Community Awareness, Prevention and Care*

# Eastern Cape Map showing Municipalities



# Introduction – Nelson Mandela Academic Hospital

- NMAH services a population of **3,6 million people** in the catchment area of Alfred Nzo and or Tambo municipalities.
- The **main referral hospital** for the rural and remote areas of the eastern part of the Eastern Cape Province. This region constitutes the former Transkei, which continues to be a labor reserve for the mining industry.
- Characterized by **poverty, high rates of illiteracy, poor access to basic health care services, poor infrastructure** (water, sanitation, poor infrastructure, roads, telecommunications, electricity).
- Of significance, this region has **no established reliable cancer service** and is dependent on the public tertiary facility in East London for radiotherapy services
- There is **poor access** to cancer awareness, early diagnosis, treatment and palliation. In response to the need for cancer care, NMAH has recently started a limited oncology service (without radiotherapy service) since April 2018

# Overarching Goal Project Goal and Overview

- To establish an **Integrated Lung Cancer Centre of Excellence** and set up properly capacitated peripheral/satellite cancer care sites (district hospitals ) in OR Tambo and Alfred Nzo Health Districts.
- This model aims **to achieve early diagnosis and treatment** of lung cancer and improve the quality of life in most rural communities through decentralization High-level overview of project

# Our vision

To **change the hopelessness** associated with inconsistent and inadequate cancer management in our public health system to a position of state-of-the-art management of earlier stage disease detection, **improved accuracy in diagnosis** and palliation and decreased morbidity and mortality in our disadvantaged communities.

NTLAZA  
ST BARNABAS

MT FRERE  
MADZIKANE  
KAZULU

BIZANA  
ST PATRICKS

LUSIKISIKI  
ST ELIZABETH

MTHATHA REGIONAL  
HOSPITAL

NELSON MANDELA ACADEMIC ONCOLOGY HOSPITAL  
**INTEGRATED LUNG CANCER CENTRE (ILCC) PROJECT**

REASONS FOR FRERE  
HOSPITAL REFERRALS

**Inpatient  
chemotherapy  
Radioactive iodine  
Radiotherapy**

Bristol-Myers Squibb Foundation  
Specialty Care for  
Vulnerable Populations  
Care Collaborations & Patient Support

Bristol-Myers Squibb Foundation  
Bridging Cancer Care™  
Community Awareness, Prevention and Care

# Key Challenge

- On – board process: Implementation challenges to satisfy all stakeholders. Relationship between Mandela hospital, referring hospitals, and management associated with these hospitals.
- Implementation of the community component within project.
- We need to build local capacity, instill culture of working
- Review referral networks
- Regulatory framework – decentralize care within current guidelines, introduce innovation, scope of work, use of technology, introduce research process, can be dealt with at implementation
- **CONCEPTUALISE THEORETICAL FRAMEWORK AND PUBLISH**