

Uganda Cancer Institute

- Established in 1967
 - Comprehensive centre
 - Medical oncology
 - Gyn-Oncology
 - Surgical Oncology
 - Paediatric Oncology
 - Palliation
 - Research and training
 - Laboratory
 - Radiation Oncology
- Four regional centres
- East Africa Centre of Excellence







Overview of Breast Cancer in Africa





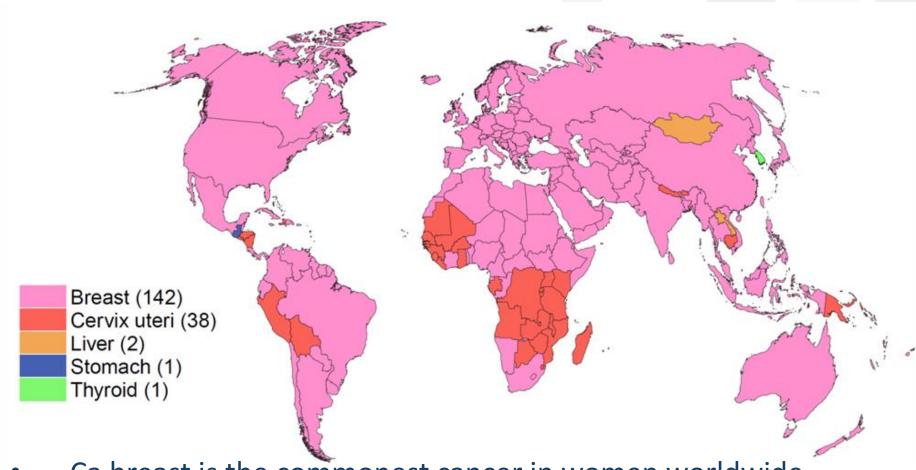
Breast cancer in SSA

- Second commonest cancer in SSA after cervix
- Second leading cause of cancer associated mortality, again after Cacervix)
- In Uganda, accounts for 21% of all cancer related mortality in women
- Increasing incidence in many SSA countries
- High rates of triple negative disease in SSA
- Advanced stage presentation in many African countries
- Poor survival in many SSA countries





Global Burden of Breast Cancer



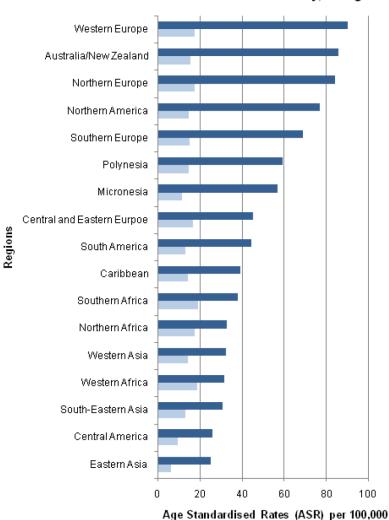
Ca breast is the commonest cancer in women worldwide

• Second commonest cancer in SSA after Ca cervix WHO, 2014



Global Burden of Breast Cancer

Breast Cancer Incidence and Mortality, all ages



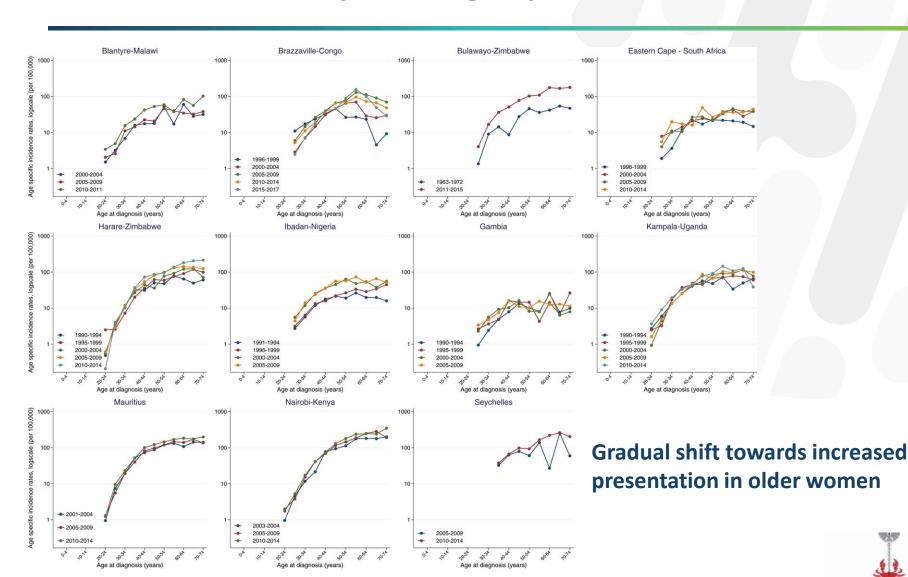
 There is a reported low incidence of breast cancer in SSA but some of this may be due to low diagnosis.

■Incidence ■Mortality In SSA, a large percentage of the patients who are diagnosed with breast cancer die from breast cancer.



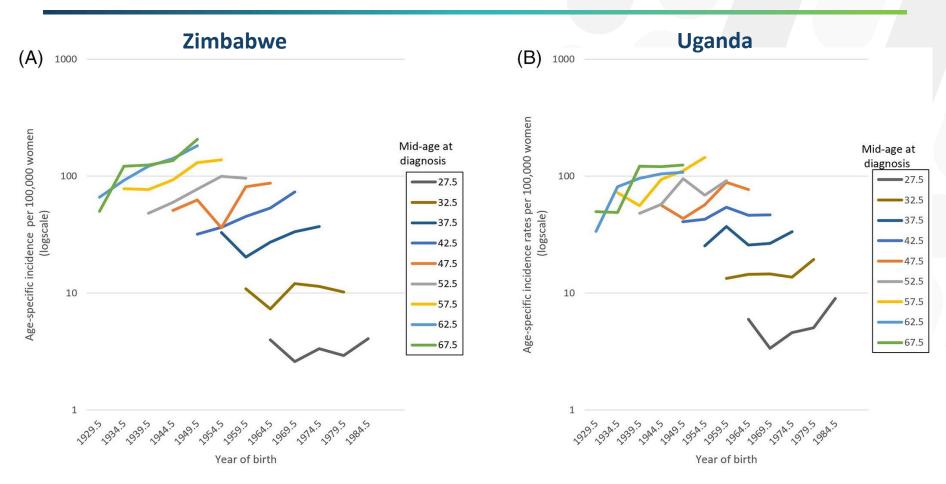


Time trend analysis of Age Specific incidence rates





Age Specific breast cancer incidence rates by birth

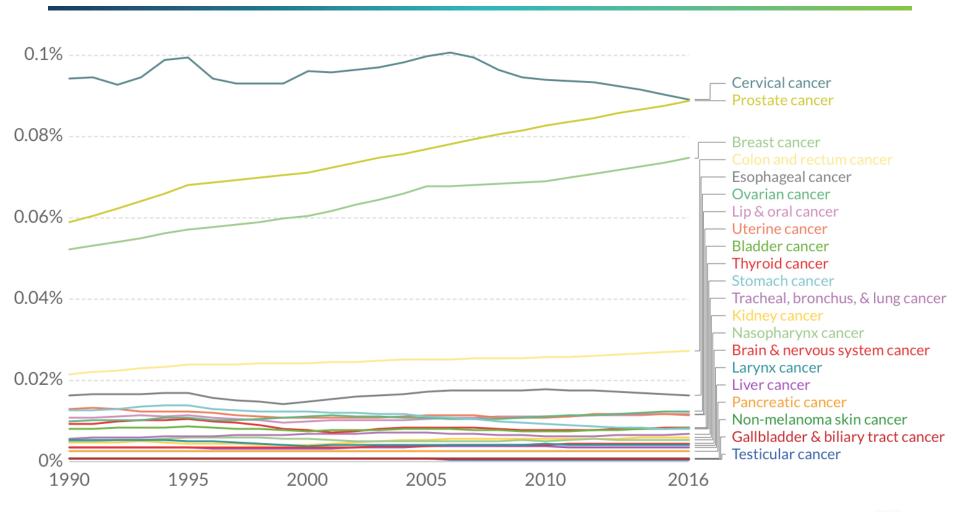


 In both Uganda and Zimbabwe, the highest incidence of breast cancer is in those aged 45 and above



"Research is Our Resource'

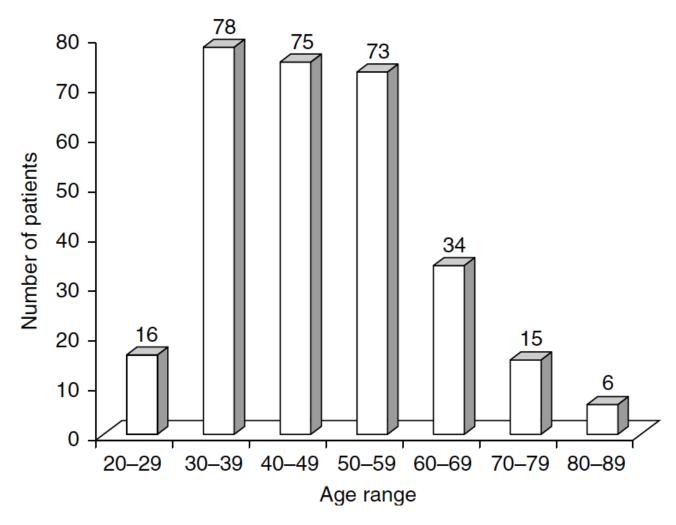
Cancer Trends in Uganda







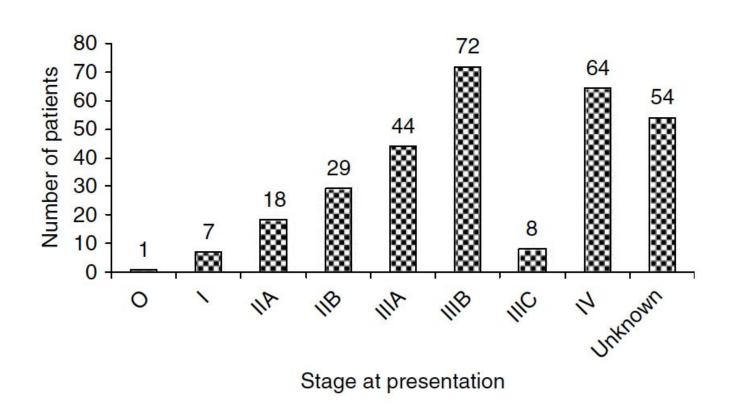
Age Presentation of Ca Breast in Uganda







Patients present with advanced stage

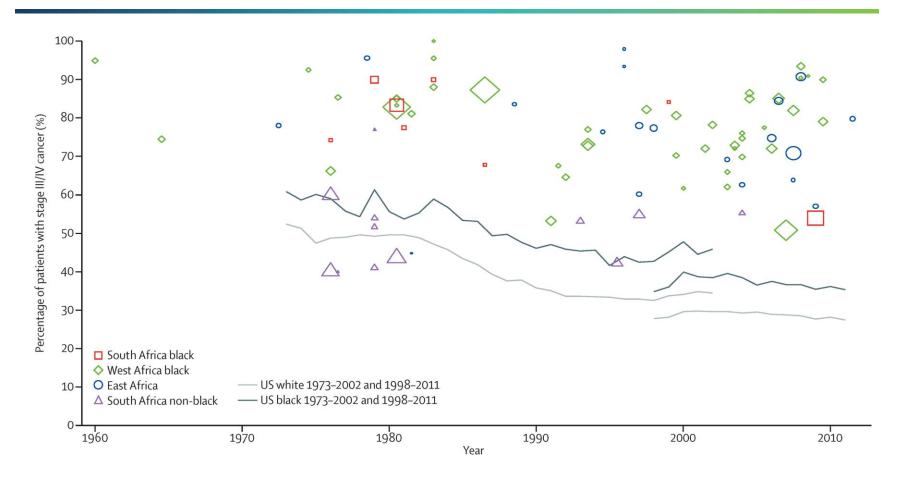


An estimated 77-90% of all breast cancers present with stage III/IV disease





Patients present with advanced stage

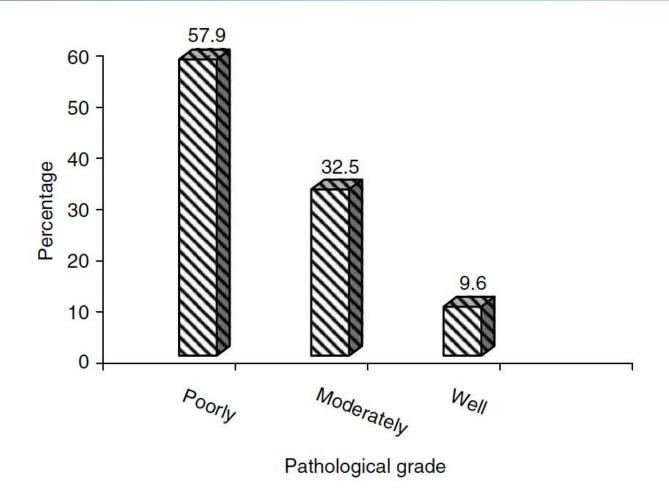


 Over 50 years, there has been no significant downstaging of breast cancer presentation in SSA



"Research is Our Resource"

Most cancers present with aggressive tumors



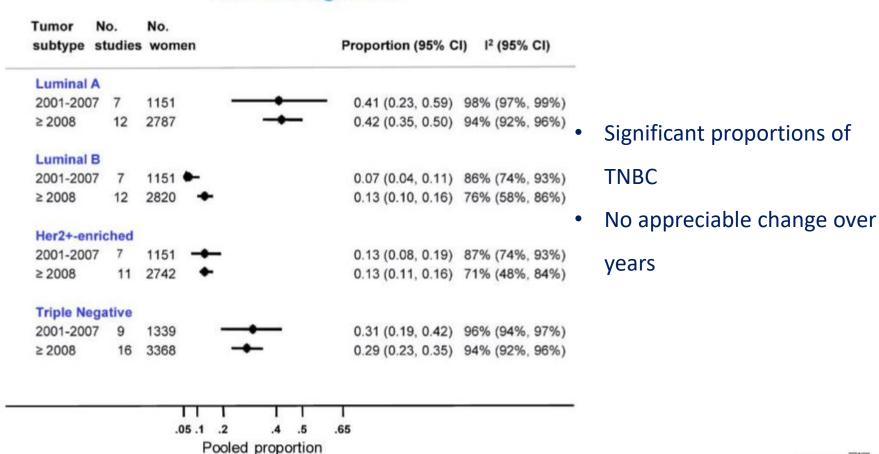
Less than 10% of cancers are well differentiated





Breast cancer Receptor expression in SSA by year

Year of diagnosis

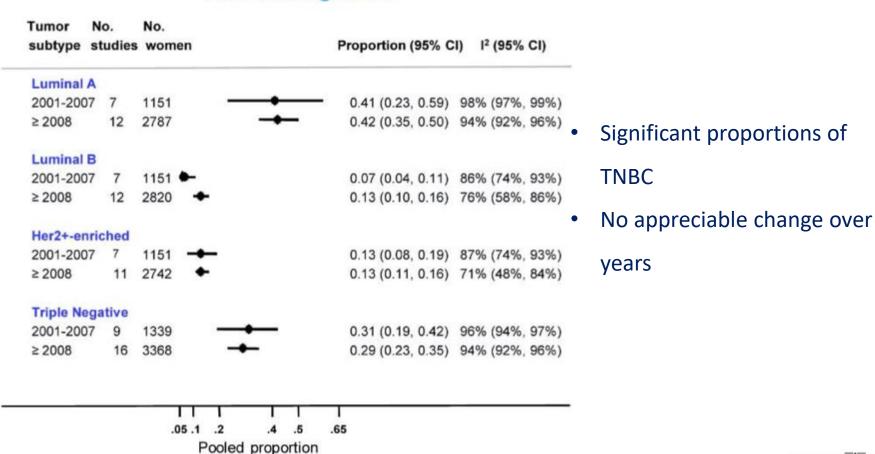






Breast cancer Receptor expression in SSA by year

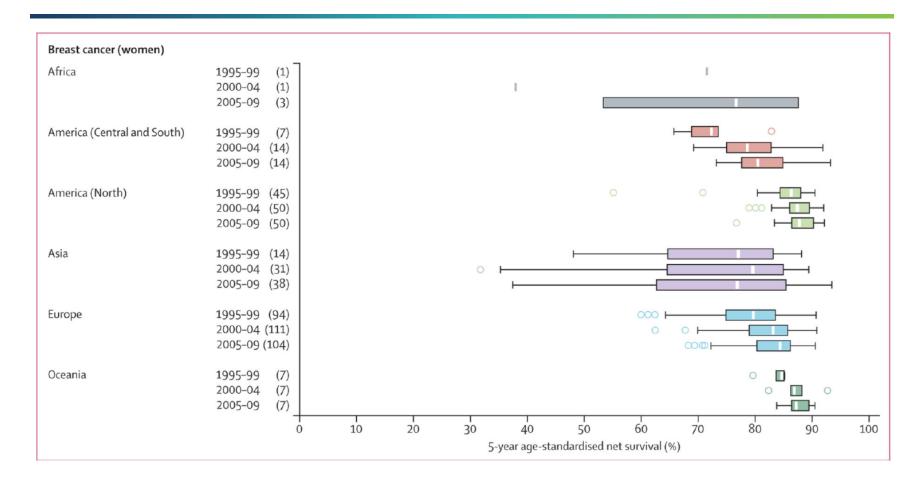
Year of diagnosis







Breast cancer survival in SSA

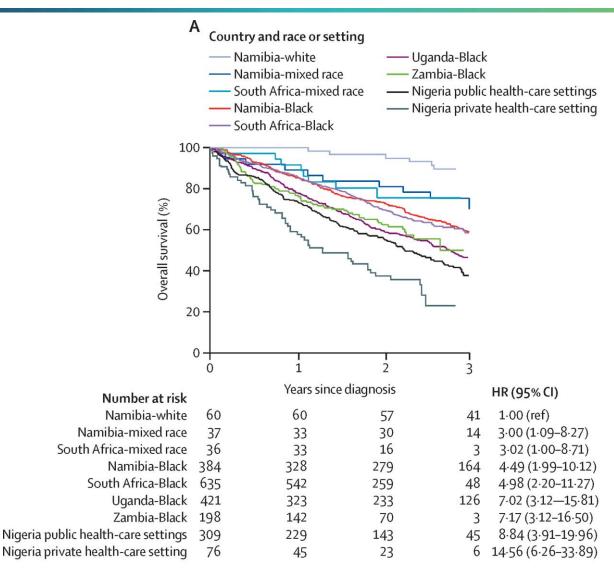


• Comparative survival from breast cancer in Africa is poor compared to other regions





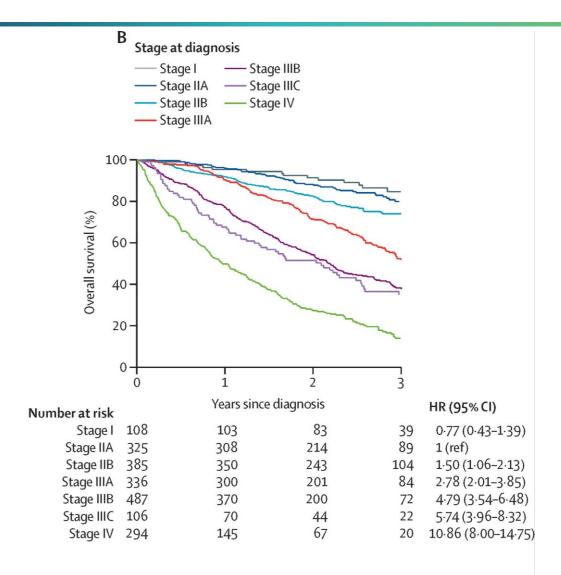
Breast cancer survival in SSA







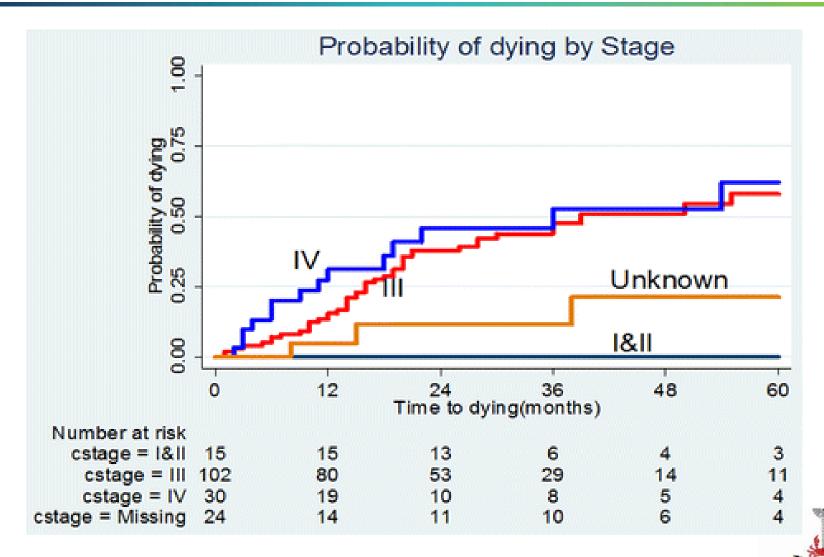
Breast cancer survival in SSA







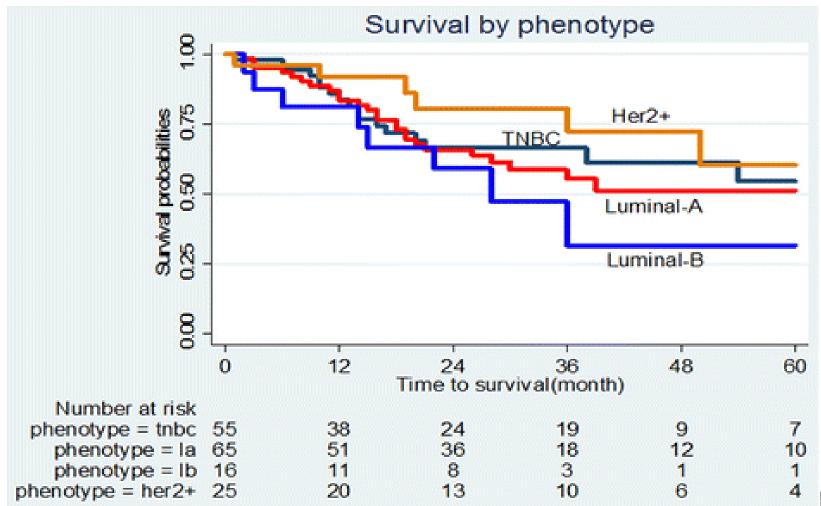
Mortality from Ca Breast in Uganda





"Research is Our Resource"

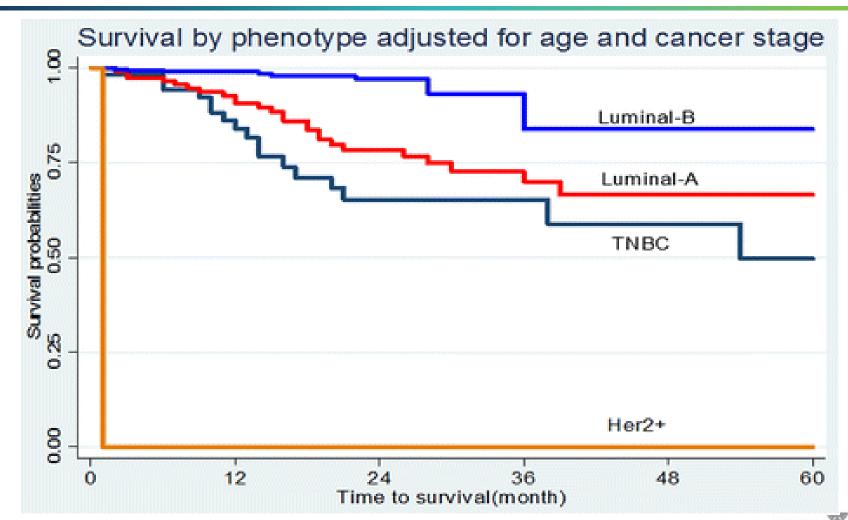
Survival from Ca Breast in Uganda







Survival from Ca Breast in Uganda





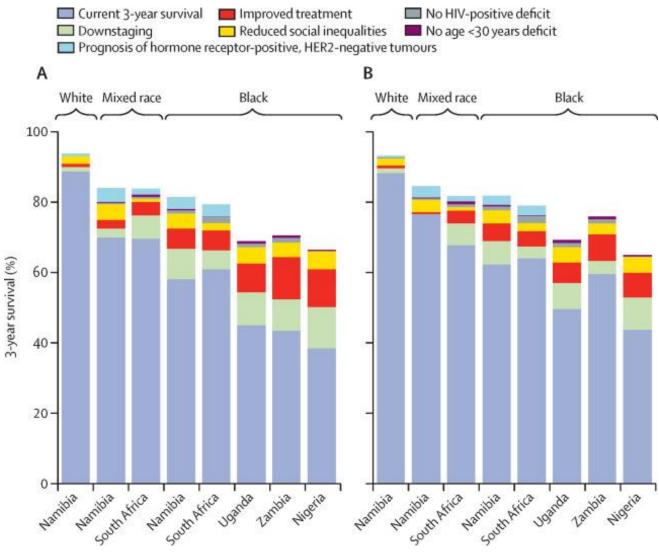
Key challenges

- Access to care
- Staffing challenges (quality and quantity)
- Lack of accessible and affordable diagnostics
- High cost of care
- Overall underinvestment in the health sector
- Knowledge and attitudes
- Inadequate research capacity in most SSA centres





How can we improve survival from breast cancer in Africa





23



THANK YOU



