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Cancer Center

Challenges in Pathology Diagnosis in Low to Middle Income Countries (LMICs)

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Pathology Myths

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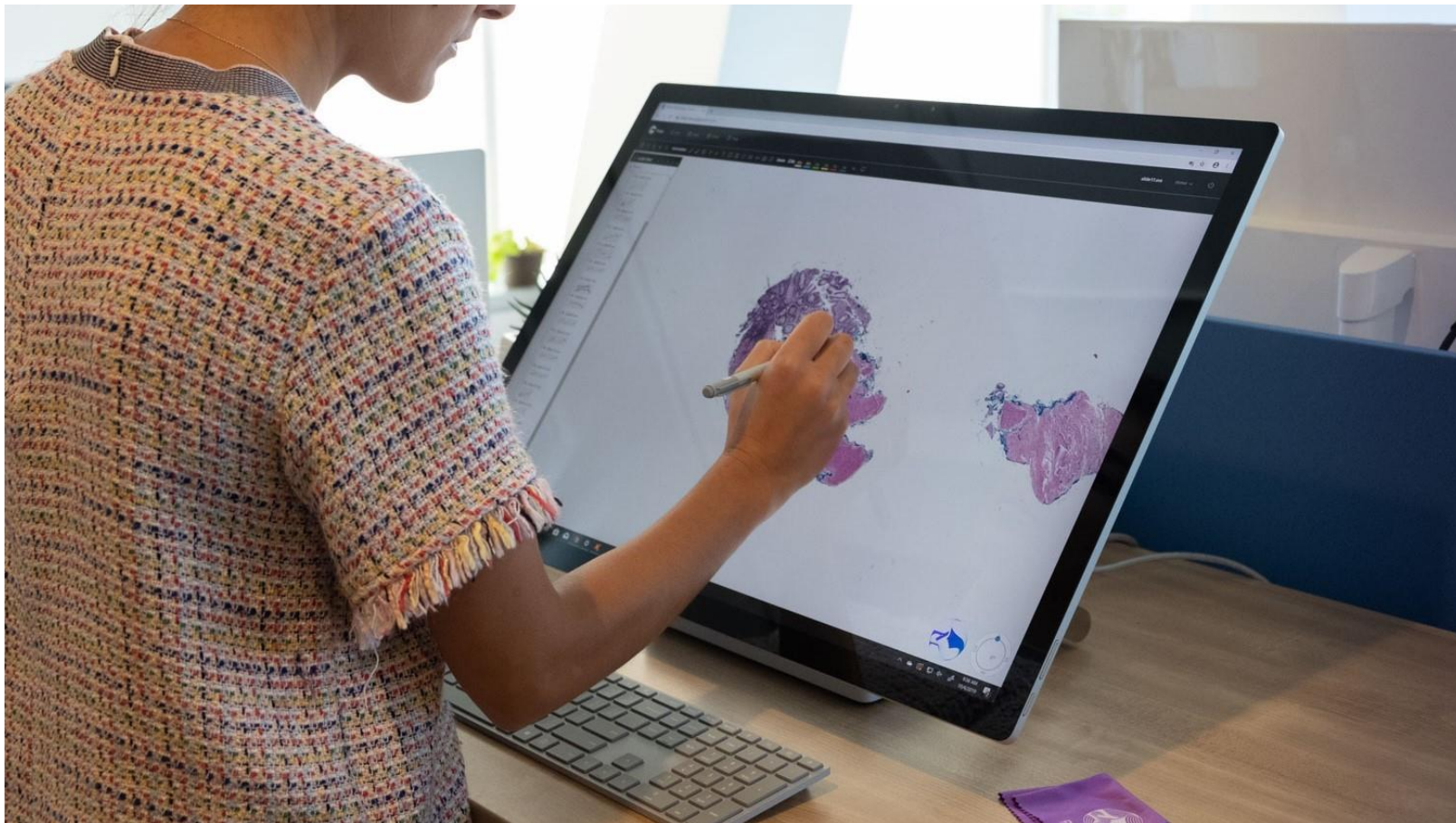
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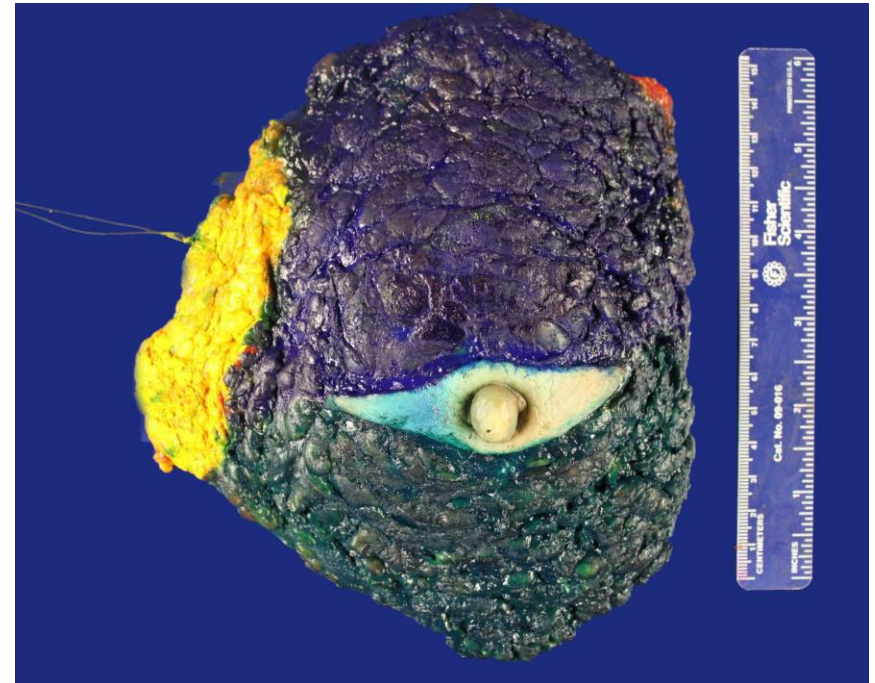




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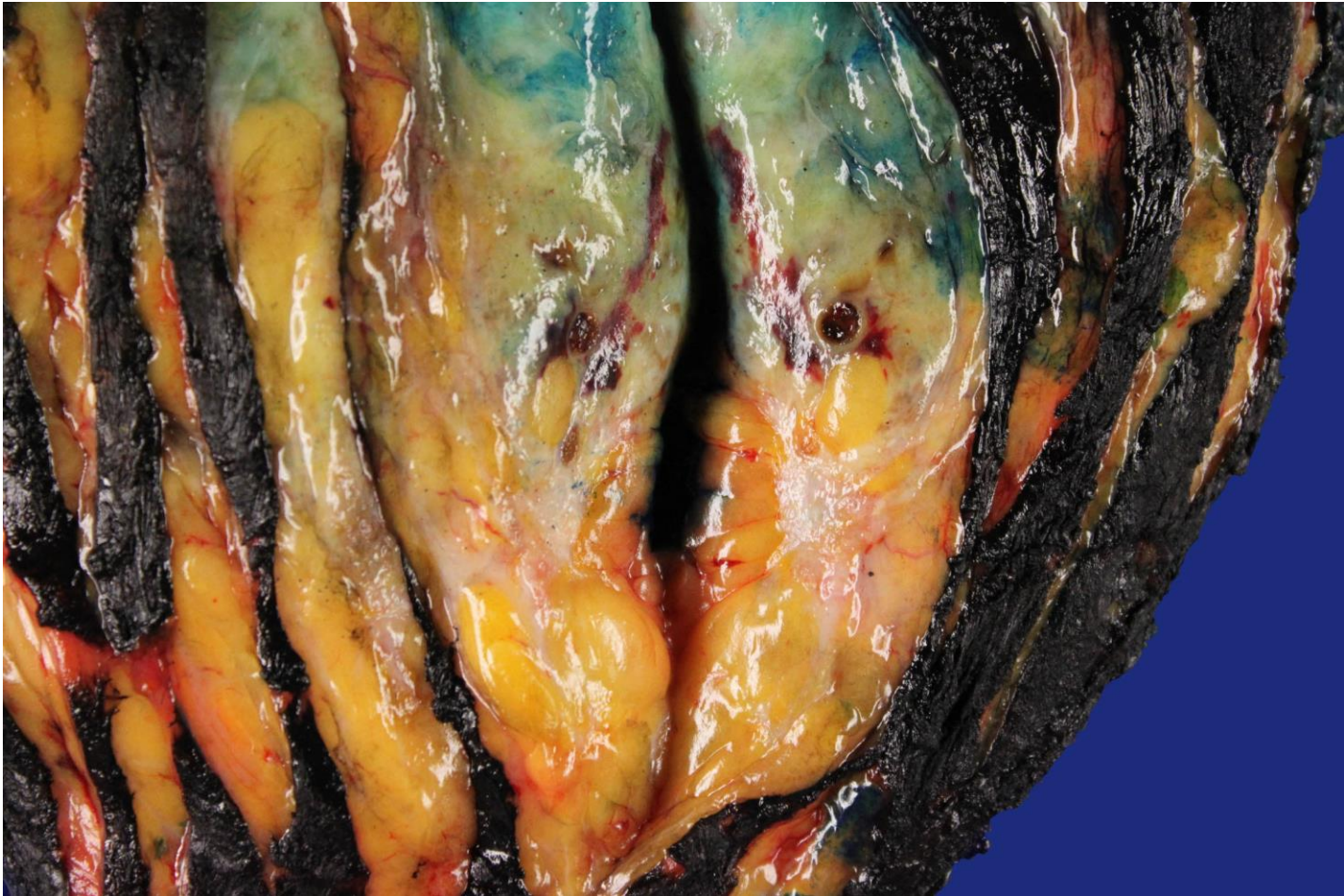


Role of Pathology in Cancer Care



Slice the breast

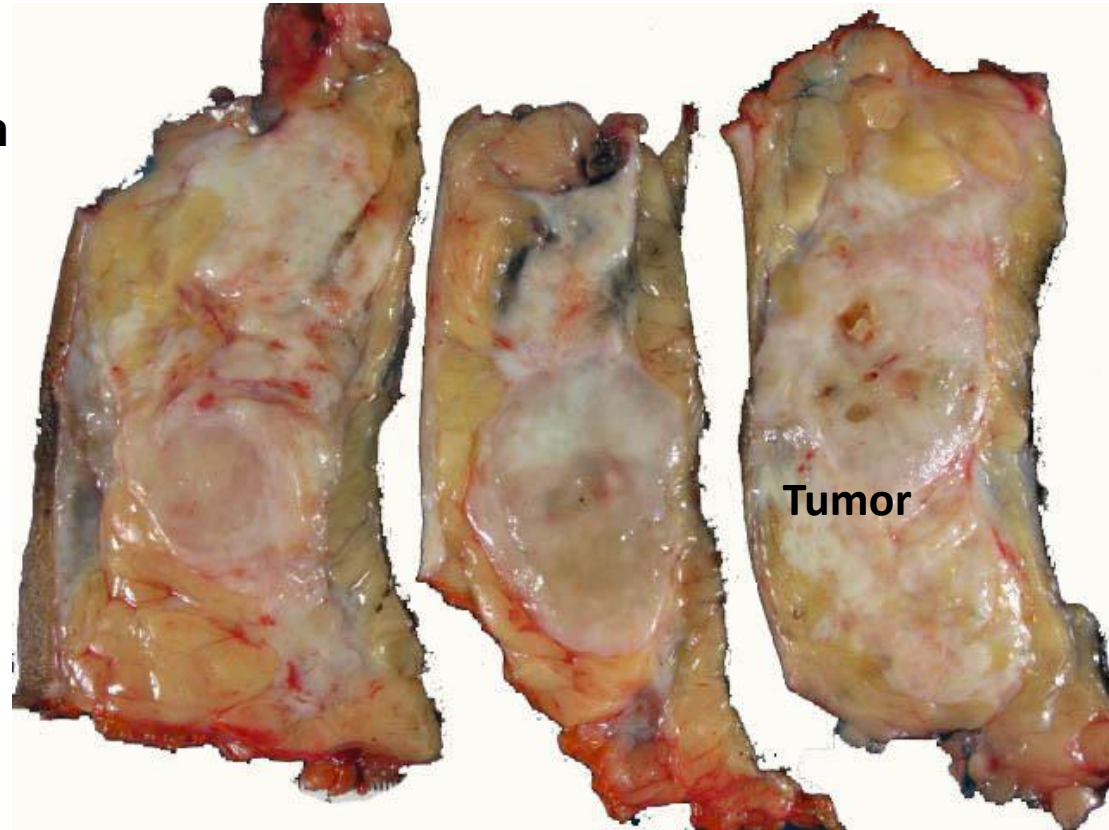
Mastectomy



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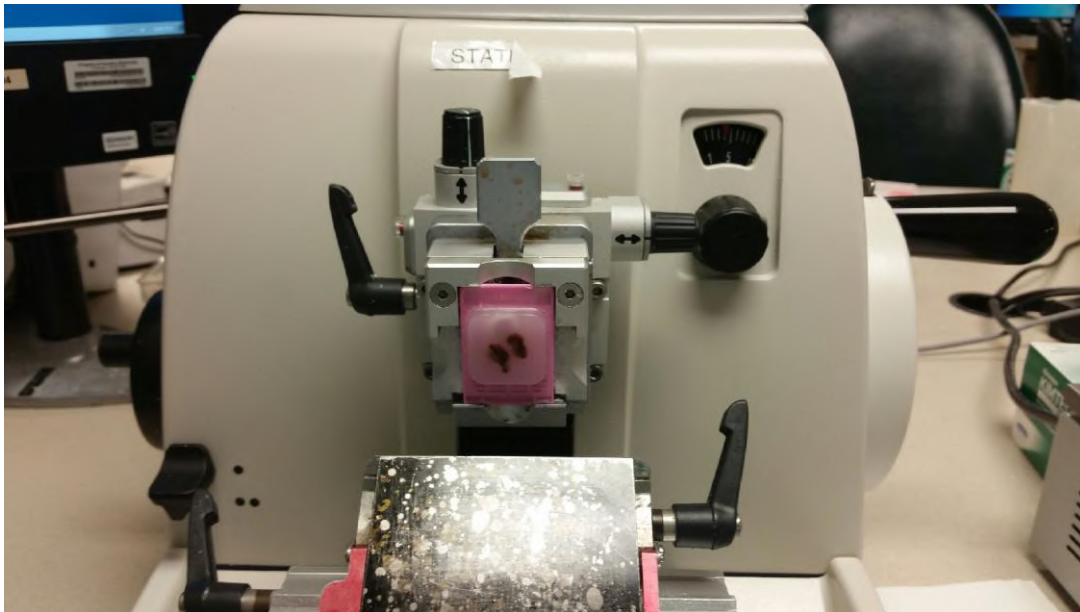


- Find the lesion/tumor-location
- Measure
- How far from the margins





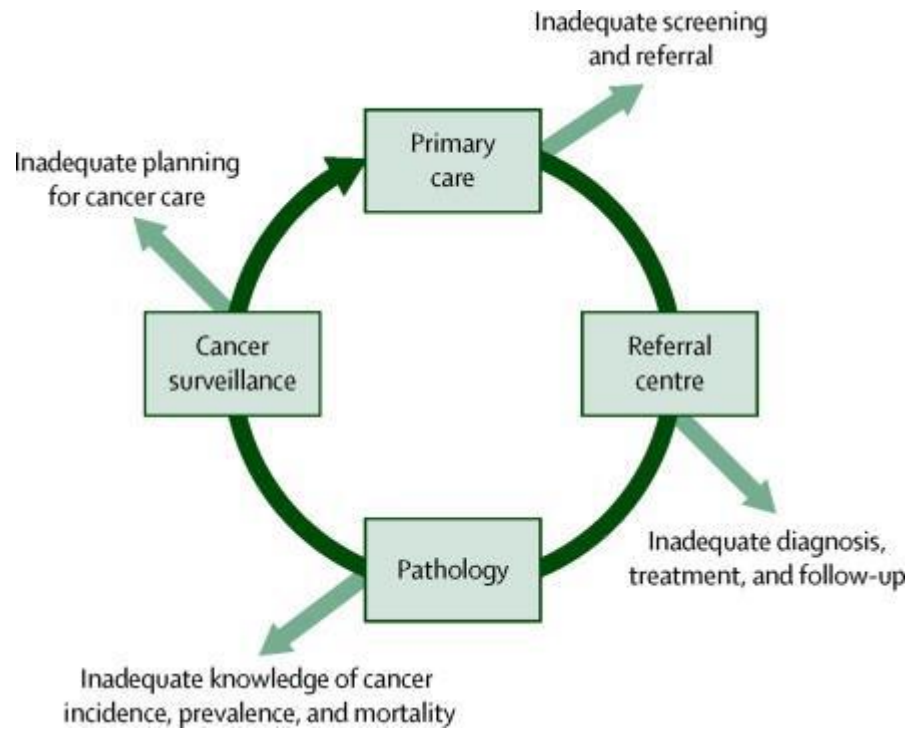
Embedding the processed tissue in paraffin



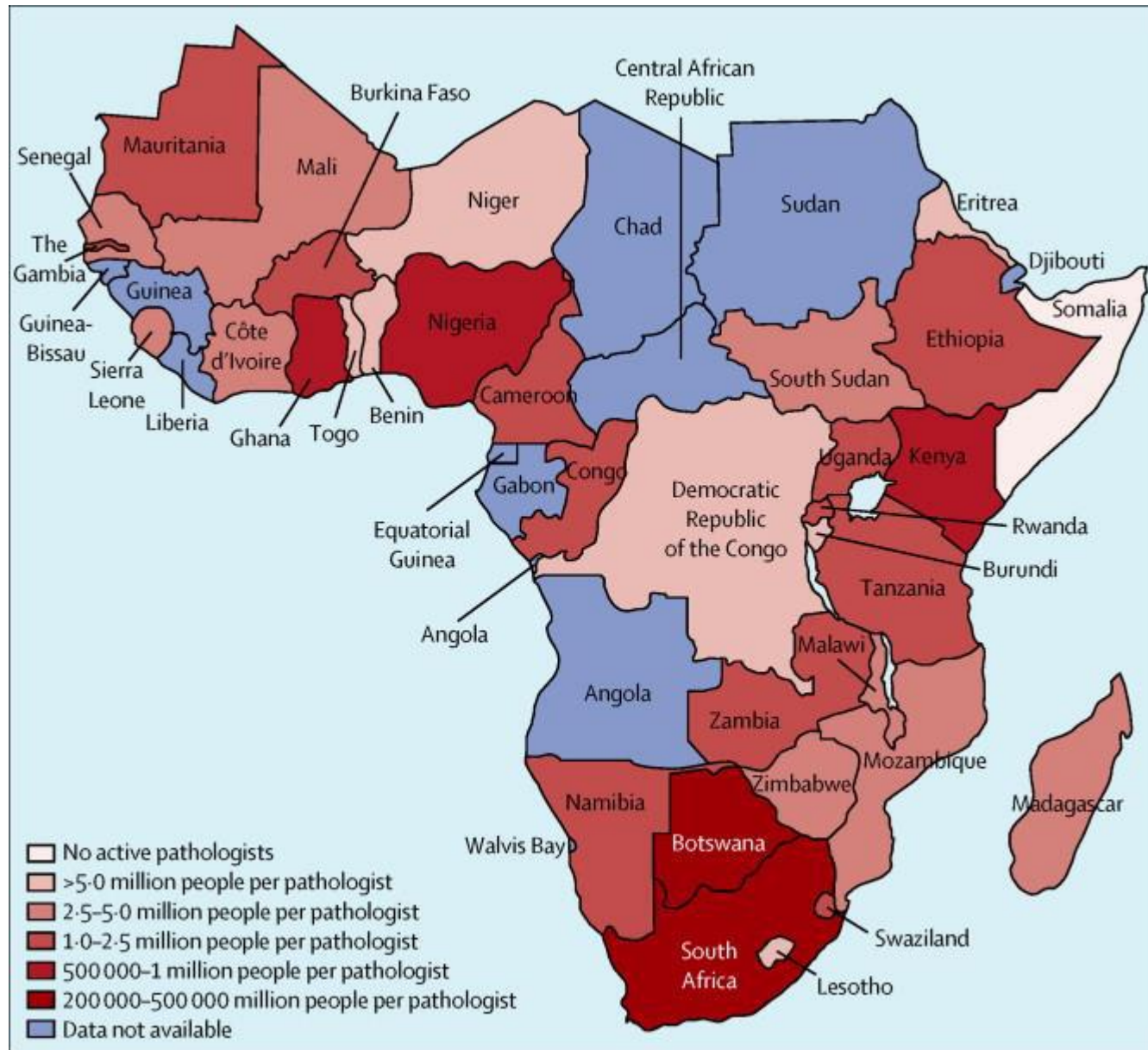




Role of Pathology in Cancer Care



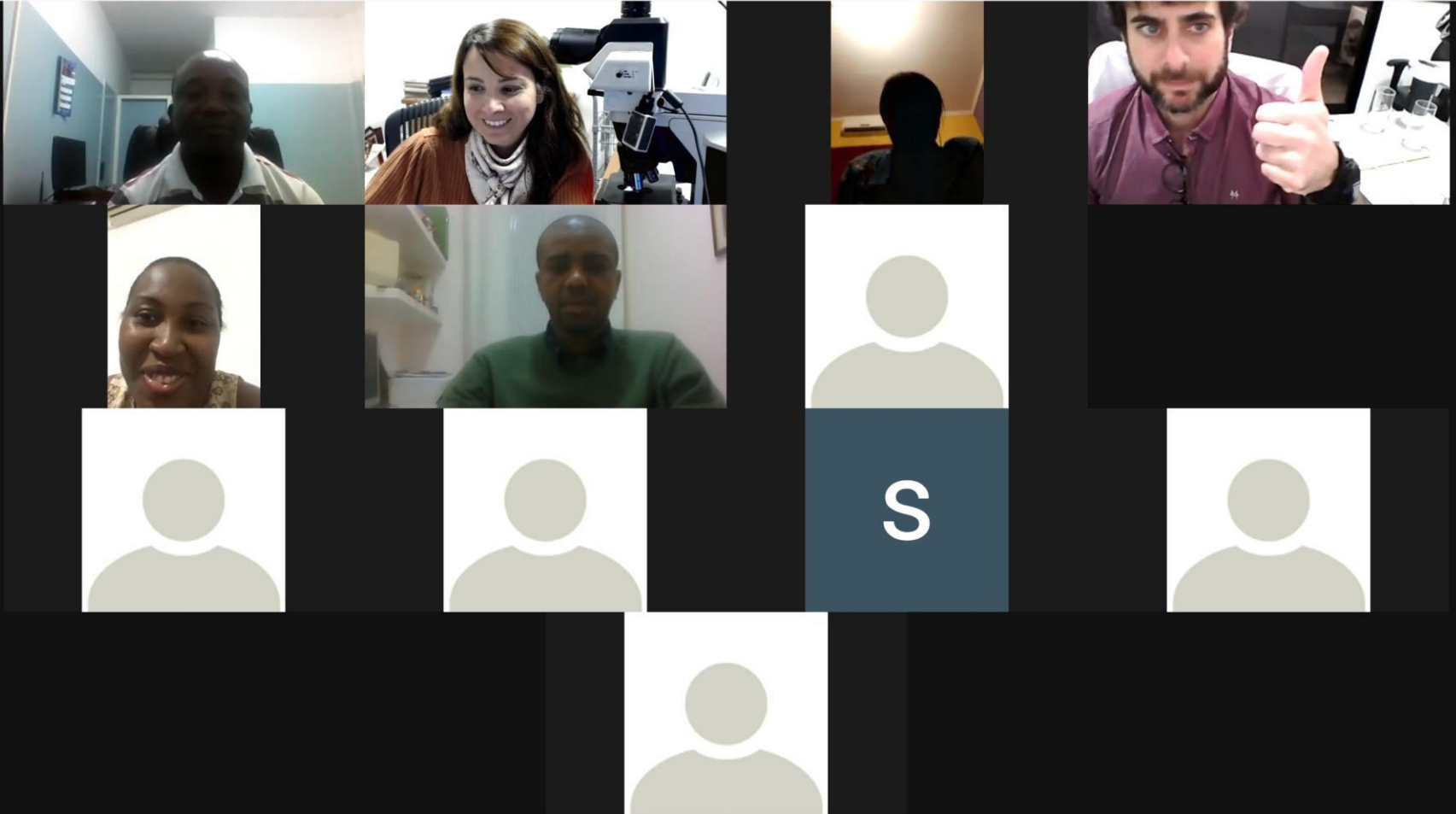
What are some of the challenges for pathologists in Africa?



Group of pathologists from Mozambique, Angola and Brazil

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Group of pathologists from Nigeria



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ARGO symposium 2019



2. RADIOLOGY 10:30am - 05:30pm

PLEASE NOTE THAT EACH TOPIC WILL LAST FOR 20 MINUTES

- Breast Imaging Society of Nigeria (BISON): Short and long term goals - Mango VL
- Society of Breast Imaging (SBI) International outreach - Mango VL
- BISON and SBI panel led discussion - Mango VL
- Breast and Axillary Lymph Node Anatomy - Krishna P
- Overview of Mammography and Physics - Bryce Y
- Mammography quality standards act (MQSA) - Mango VL
- Introduction to US-guided Breast Biopsy (Core, FNA and clip placement) - Sutton EJ
- Pearls and Pitfalls of Clinically implementing US-guided Breast Biopsy in Nigeria - Omisore AD
- US-guided Biopsy safety and patient preparation - Krishna P
- Teamwork required in US-guided procedures - Bryce Y
- Nigerian Radiologist case presentation (All attendees present 2 from their hospital) - Omisore AD

Lunch Break 01:30pm - 02:30pm

- Small group needs assessment - Lynch K
- Mobile Health US-guided Breast Biopsy simulation - *****
- Mobile health US-guided breast biopsy on patient breast mass and axillary lymph node - *****

3. PATHOLOGY 10:30am - 05:30pm

- Papillary lesions of the breast - Dr. O.O. Odujoko 10:30 - 11:15am
- Cytopathology in breast cancer diagnosis and the use of cell blocks for IHC - Dr. Marcia Edohweles 11:15 - 12:00pm
- Challenges in the interpretation of breast core biopsies - Dr. Marcia Edohweles 12:00 - 12:45pm
- Current concepts in surgical Pathology of breast Carcinomas - Dr. Marcia Edohweles 12:45 - 01:30pm

Lunch Break 01:30pm - 02:30pm

- A practical and systematic approach in the evaluation of the colonic biopsy - Prof. F. Abdulkareem 02:30 - 03:15pm
- Ensuring Quality on a consistent basis in all Histopathology services (For Pathologists and Scientists) - Dr. Peter Ntiameah 03:15 - 04:00pm
- Rare upper and lower GIT Tumours - Dr. A.O. Kemiufale 04:00 - 04:45pm
- GIT Cases Discussion - Dr. O.O. Odujoko 04:45 - 05:30pm



4. MEDICAL LABORATORY 10:30am - 05:30pm

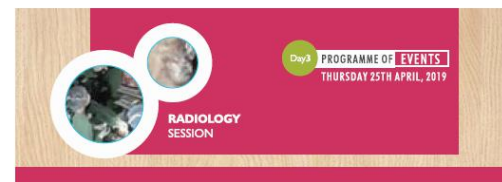
- Practical sessions in Immunohistochemistry - Dr. Peter Ntiameah
- Reducing artefacts in routine laboratory processes - Dr. Peter Ntiameah
- Archiving in the Histopathology laboratory: The role in research - Dr. Peter Ntiameah
- Quality control and assurance in the Histopathology laboratory. - Dr. Peter Ntiameah
- An overview of laboratory services in QA/THC, prospects and problems - Dr. Peter Ntiameah
- Break and Wrap-up - Mr. Goke Aramu

5. NURSING & PHARMACY 10:30am - 05:30pm

- Cancer Basics - Lauren Johnson 10:30 - 11:00am
- Cancer Treatment - Victoria Ogunbemi 11:00 - 11:30am
- Surgery - Lauren Johnson; Mary Bifarin 11:30 - 12:00pm
- Chemotherapy - Esther Afolabi; Olatunde O. 12:00 - 12:30pm
- Chemotherapy safe handling preparation - Margaret Barton-Burke
- Lauren Koranteng; Oluwasan Abiodun Agbolaji 12:30 - 01:30am

Lunch Break 01:30pm - 02:30pm

- Managing Cancer Symptoms and the side effects from Chemotherapy - Bosedede Adebami 02:30 - 03:00pm
- Patients Education and Counseling - Margaret Barton-Burke 03:00 - 03:30pm
- Pain Management and Palliative Care including challenges with using Opioids - Oluwasan Abiodun Agbolaji 03:30 - 04:00pm
- Break and Wrap-up - Lauren Koranteng 04:00 - 05:30pm



RADIOLOGY (OPTION A BREAST) 08:00am - 05:30pm

- Nigerian Radiologist case presentation (All attendees present 2 from their hospital) - Omisore AD
- BISON, ARGO and MSKCC question and answer session - Omisore AD
- US quality assurance - Mango VL
- US-guided biopsy concordance and discordance - Sutton EJ
- Overview of Tomosynthesis - Mango VL
- Overview of CBCT - Mango VL

Tra Break 10:00am - 10:30am

- Overview of Breast MRI - Sutton EJ
- Bi-rads Lesion overview - Sutton EJ
- Overview of Stereotactic guided Biopsy - Mango VL
- Overview of MRI Guided Biopsy - Sutton EJ
- Pearls and Pitfalls of Clinically implementing US-guided Breast Biopsy in Nigeria - Omisore AD
- Overview of wire localization - Mango VL

Lunch Break 01:30pm - 02:30pm

- Informing the patient of the results - Sutton EJ
- Best way to communicate results in Nigeria - Omisore AD
- Small group needs assessment - Lynch K
- Mobile health US-guided Breast Biopsy simulation - All
- Mobile health US-guided Breast Biopsy on patient breast mass and axillary Lymph Node



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Challenges for pathologists in LMICs

- Diagnostic consultations
- Lack of case variety for proper education exposure
- Remote areas without pathologists
- No microscopes or digital scanners
- Technical issues with tissue handling
- Lack of infrastructure (no supplies for immunohistochemical studies)-
Budgeting priorities



