

Pathology Student Interest Group

**Sponsored by the
College of American Pathologists**

**The Pathologist:
Integrated Health Care
Team Member**

Integrated Health Care Team Member

- Cancer Care
- Infectious Disease
- Transfusion Medicine
- Laboratory Medicine



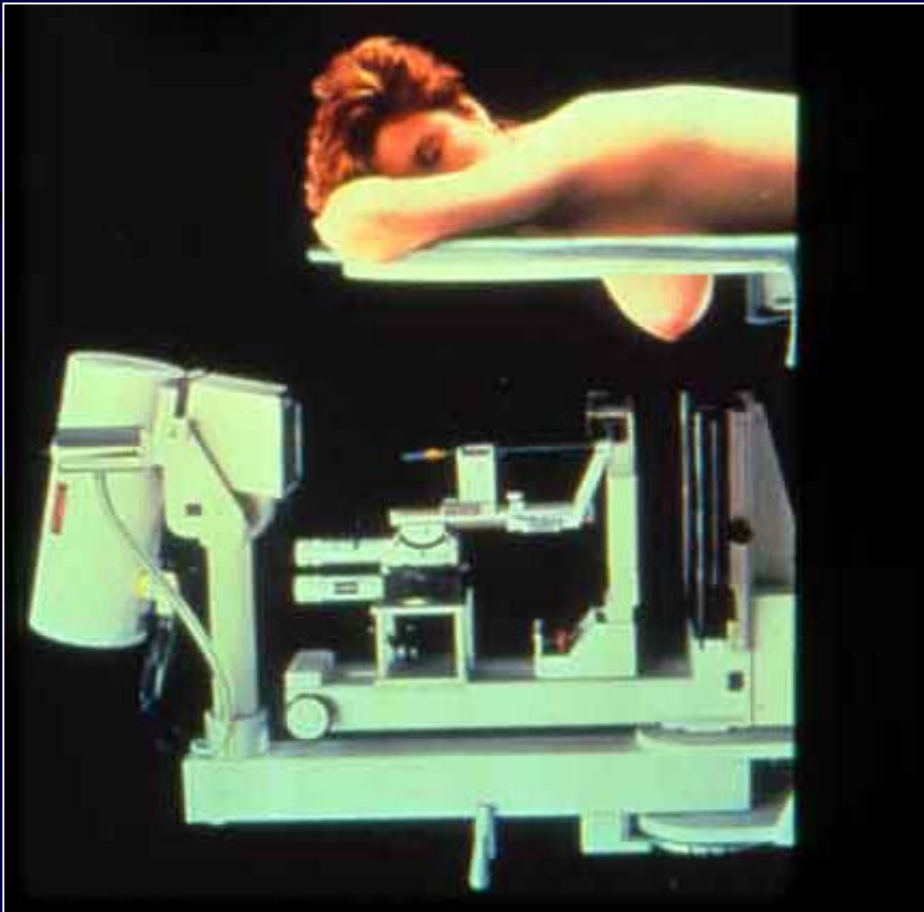
Breast Health Care

- **Fine Needle Aspiration (FNA)**
- **Biopsy**
- **Post-Biopsy Consultation**
- **Education**
- **Research**



Breast Cancer Detection

Screening Mammography



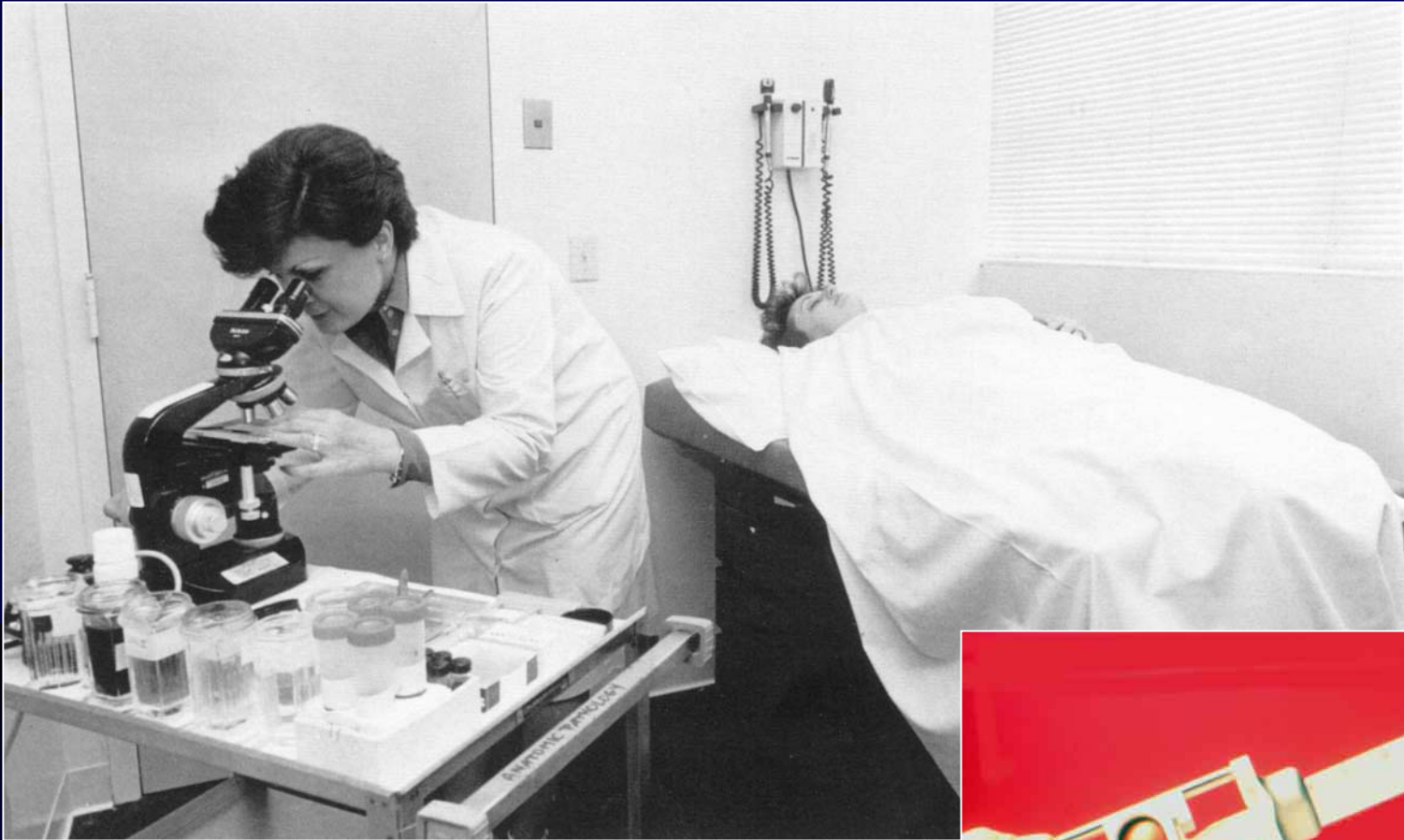


Breast Cancer Detection

Clinical Presentation



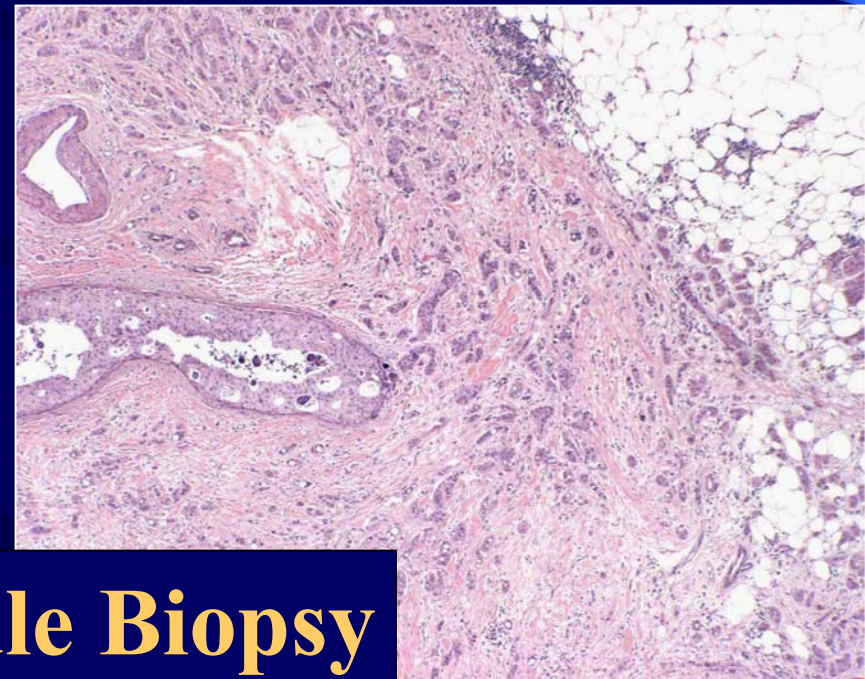
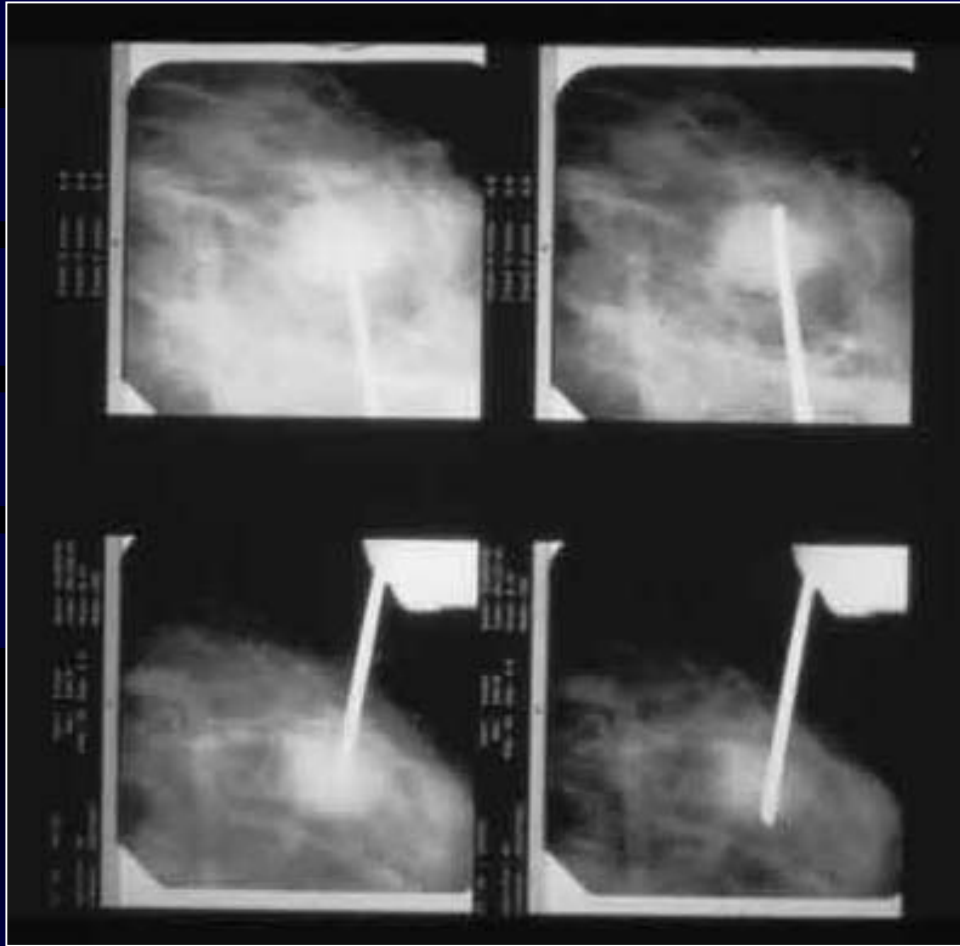
Breast Cancer Diagnosis



Fine Needle Aspiration

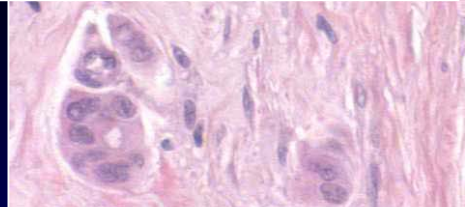
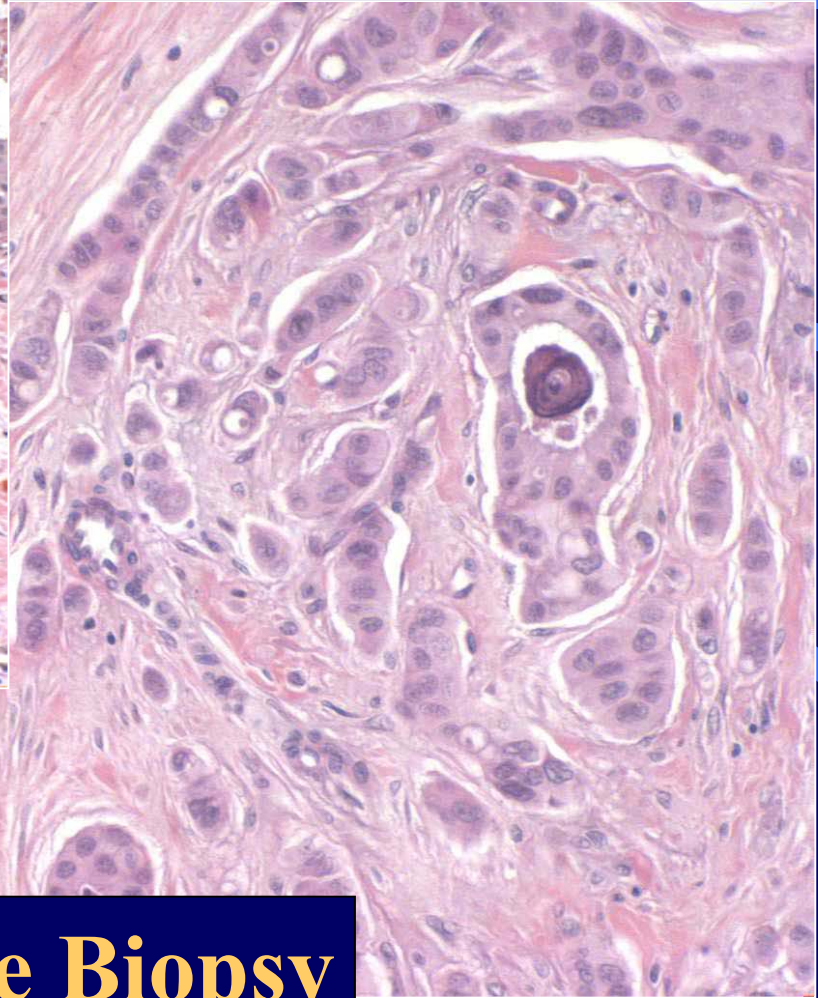
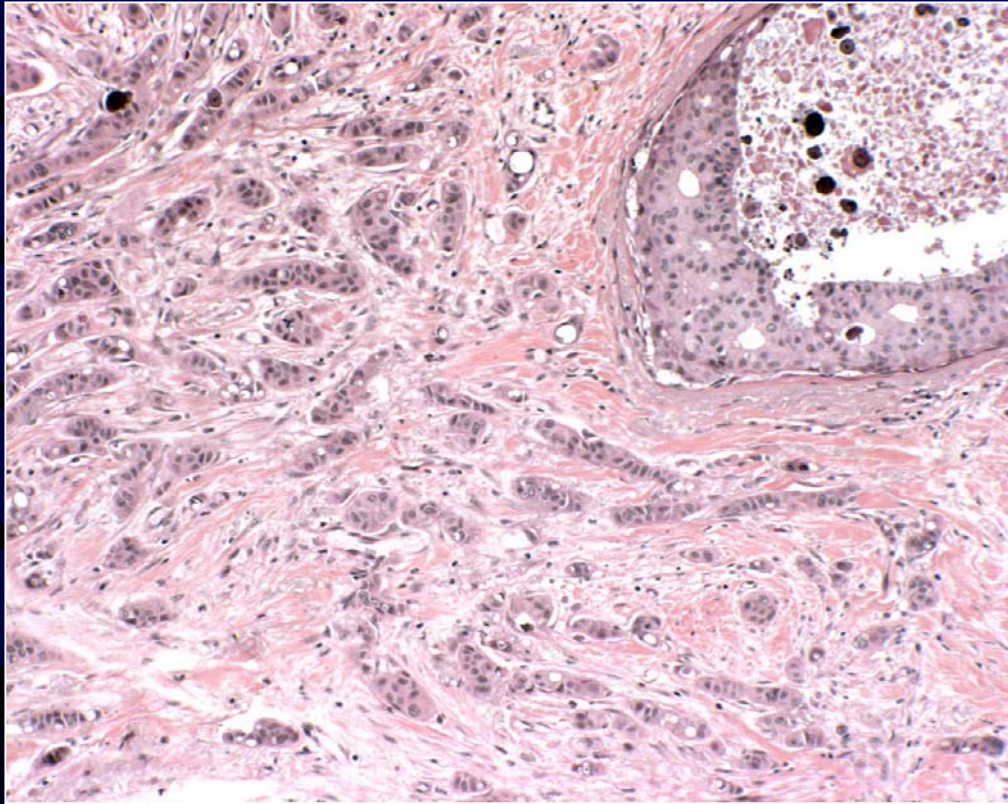


Breast Cancer Diagnosis



Stereotactic Core Needle Biopsy

Breast Cancer Diagnosis



Stereotactic Core Needle Biopsy



Integrated Breast Health Care Management

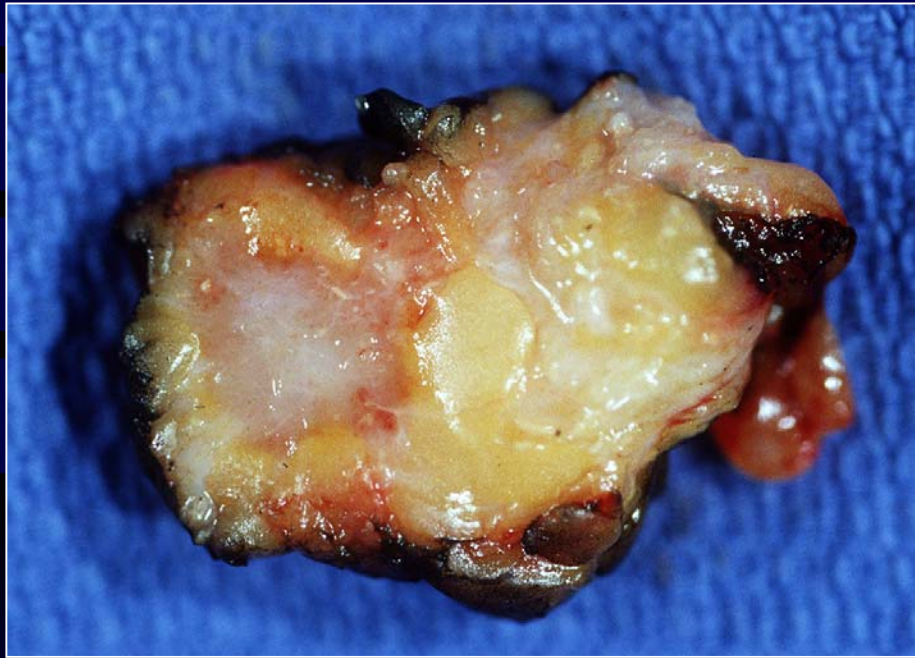
Breast Tumor Assessment



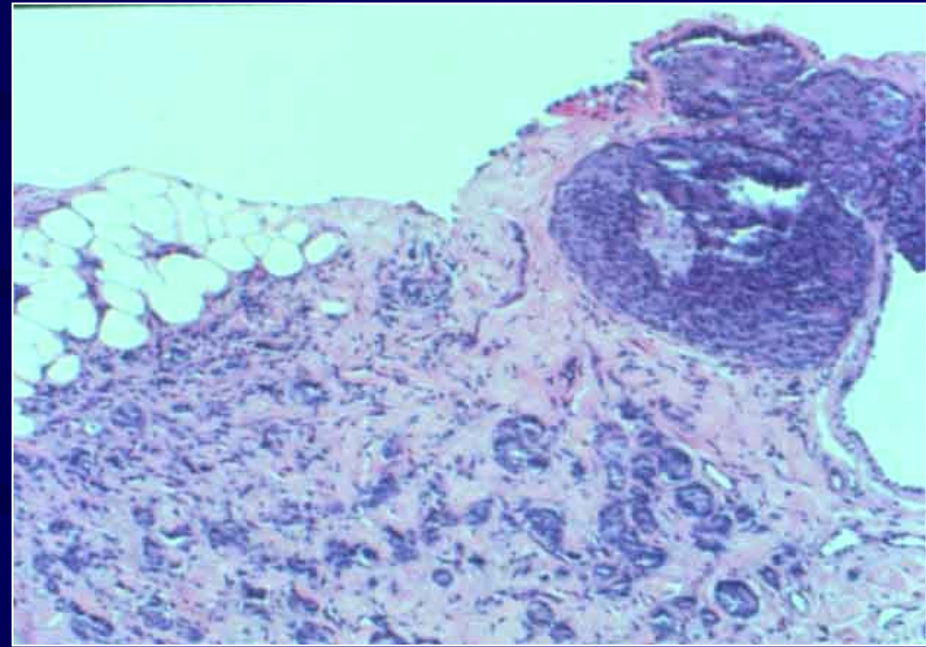
Intraoperative Consultation

Breast Tumor Assessment

Intraoperative Consultation



**Inked and sectioned
breast biopsy**



**Tumor near
margin**

Breast Tumor Assessment

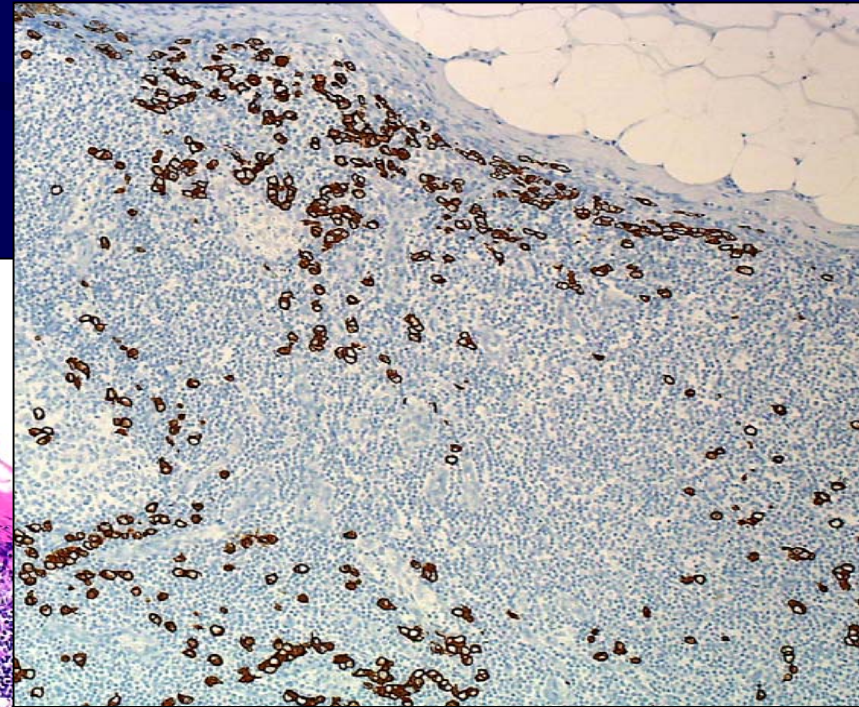
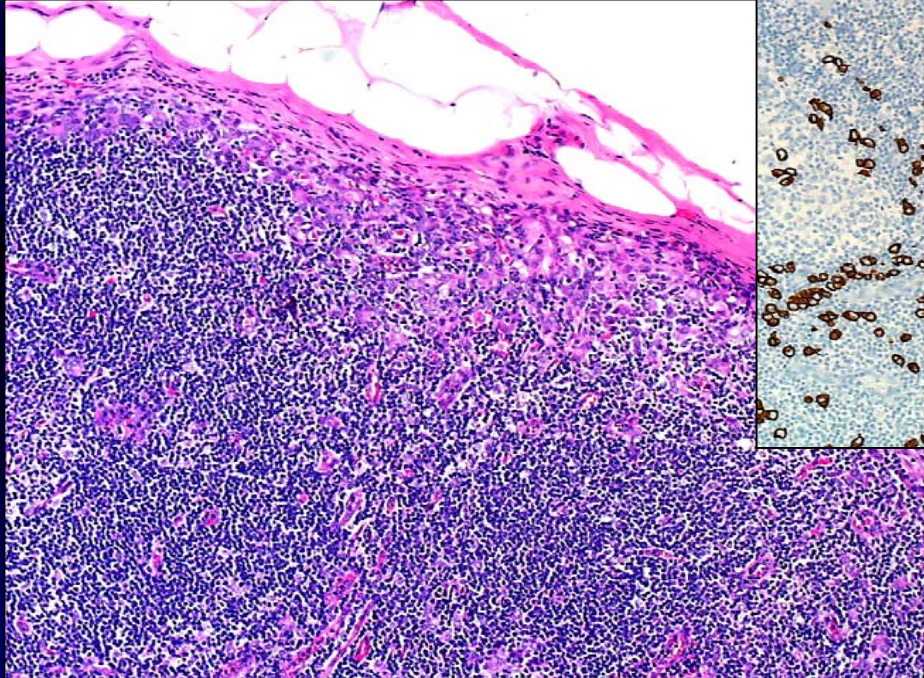
Intraoperative Consultation



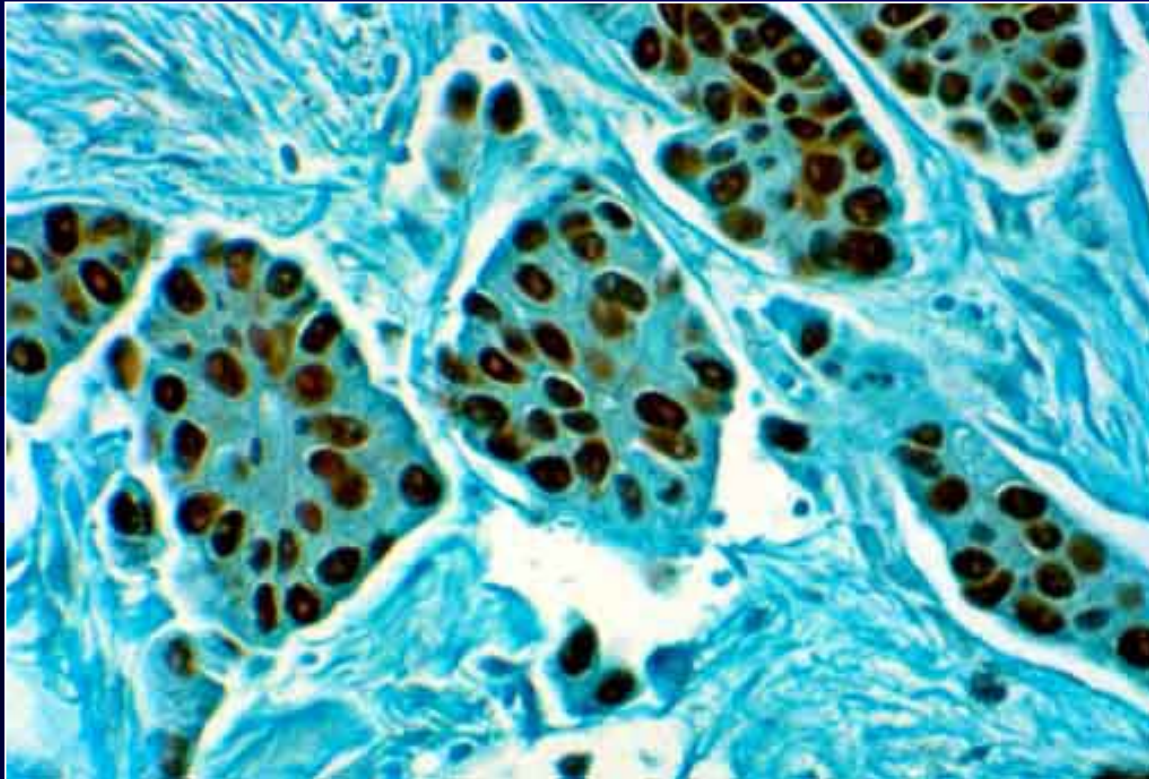
- Lymph Node with metastatic disease

Prognostic Indicators

- Tumor Size
- Lymph Node Status

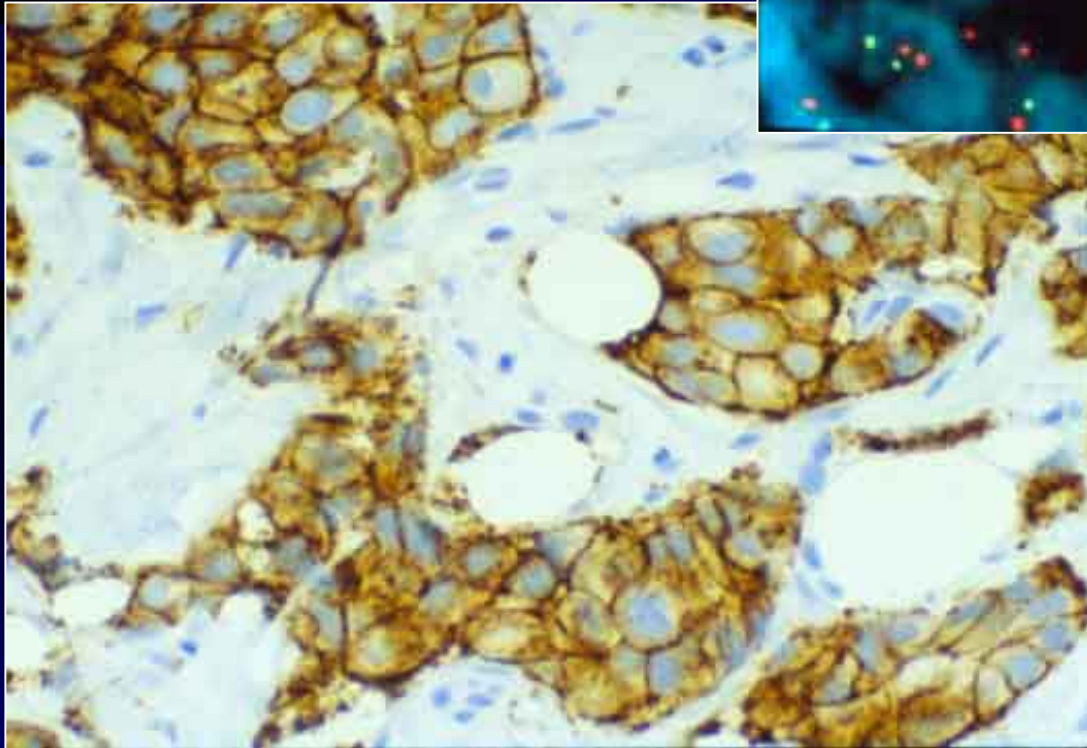
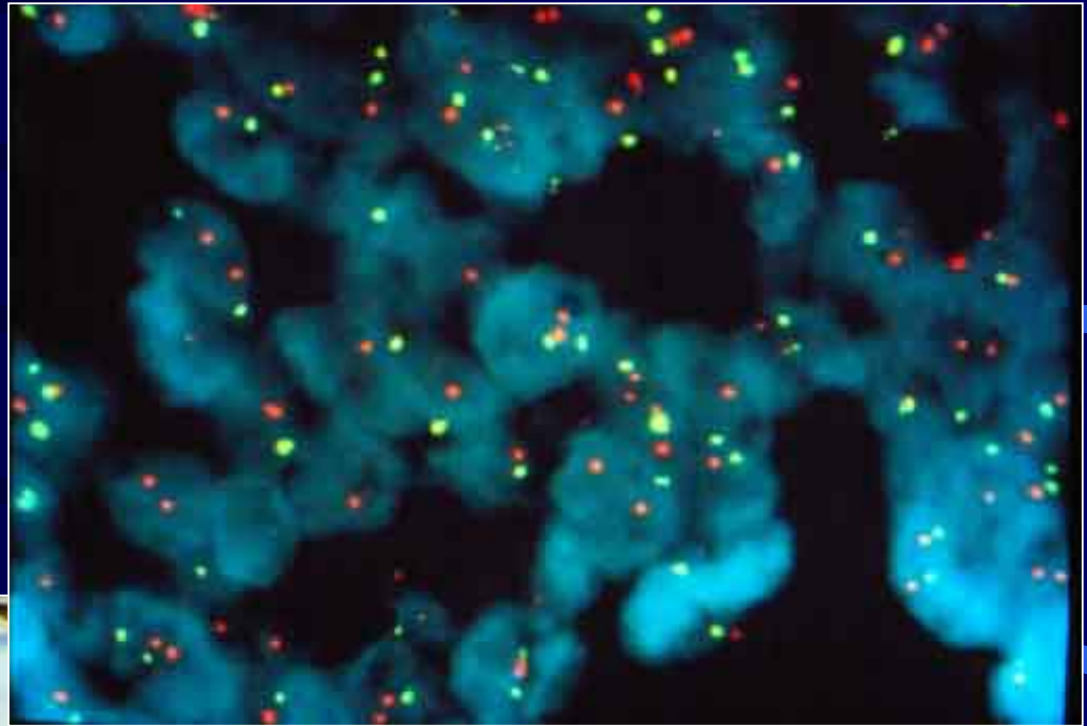


Prognostic Indicators



Hormone Receptors

Prognostic Indicators



**Her2/Neu
Oncogene
Expression**

Education



Breast Tumor Conference: Integrated Team

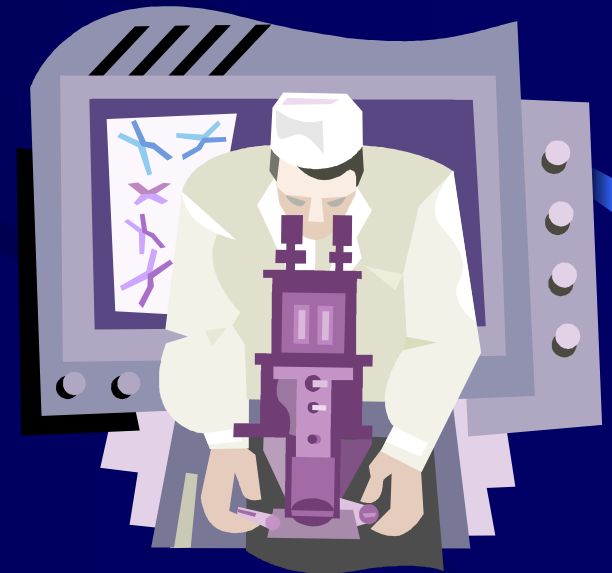
Education

“Second Opinion” in referred patients

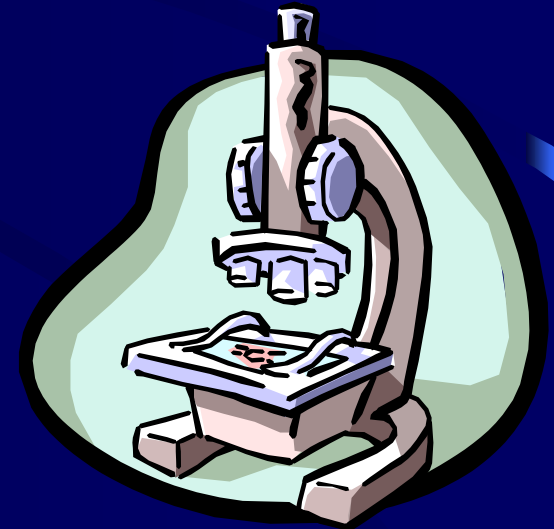


Research

- **Basic Science**
- **DNA/Molecular Studies**
- **Clinical Trial Outcome Studies**

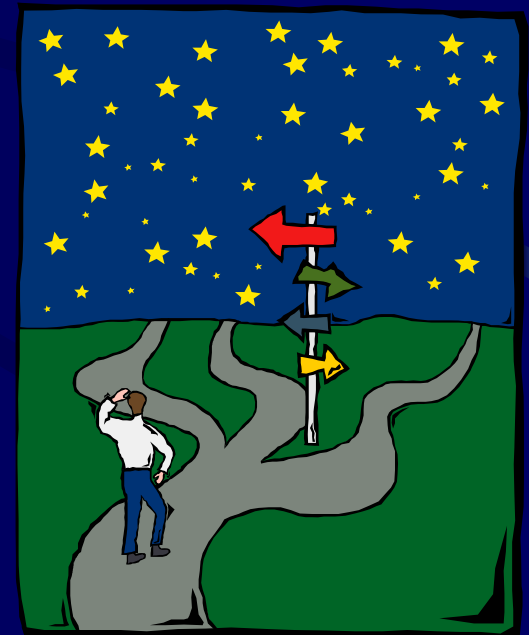


**Right Now, a Pathologist is
Practicing Medicine and
Making a Difference in
Directing Patient Care**



Opportunities

- Review your Patient's Pathology with a Pathologist or Resident
- Shadow a Pathologist or Resident
- Take an Elective Rotation
- Attend Various
Clinicopathological
Conferences



Pathology in Medical School

Medical Students do NOT
formally rotate through the
Pathology Service unless they
choose to do an Elective!

