

BREAST PATHOLOGY REPORT

LIPATH, PC www.lipath.com

40 Meeting House Lane, Suite 3, Southampton, NY 11968

Toll Free 1.888.4LIPATH (1.888.454.7284); Phone 631.726.8264; Fax 631.726.8262



PATIENT INFORMATION	PHYSICIAN INFORMATION	SPECIMEN INFORMATION
MARY JONES AGE/SEX: 58Y/F D.O.B: 09/07/1953 PATIENT ID: 000-99-9999	DAVID KING, MD	SURGICAL #: S09-5001 MEDICAL REC #: 0315961 CHART #: 12465 LOCATION: ASC
DATE COLLECTED: 1/11/2009	DATE RECEIVED: 1/11/2009	DATE REPORTED: 1/12/2009

CLINICAL INFORMATION:

Left breast mass.

DIAGNOSIS:

Left breast, excisional biopsy:

- **INVASIVE DUCTAL CARCINOMA, 2.2 CM IN GREATEST DIMENSION**
- **NOTTINGHAM SCORE: 6 OF 9 (TUBULE FORMATION=3; NUCLEAR PLEOMORPHISM=2; MITOTIC RATE=1)**
- **HISTOLOGIC GRADE: INTERMEDIATE GRADE (II)**
- **MARGINS UNINVOLVED BY INVASIVE CARCINOMA**
- **DISTANCE FROM CLOSEST POSTERIOR MARGIN IS 15 MM (1.5 CM)**
- **NO LYMPHOVASCULAR INVASION IDENTIFIED**
- **NON-NEOPLASTIC BREAST WITH FIBROCYSTIC CHANGES**
- **MICROCALCIFICATIONS PRESENT IN INVASIVE CARCINOMA**

Nottingham [(Elston-Ellis modification of the Scarff-Bloom-Richardson (SBR)) Histologic Grading System

Reference: Robbins P, Pinder S, deKlerk N, et al. Histological grading of breast carcinomas: a study of interobserver agreement.

Hum Pathol 1995;26:873-879

Tubule Formation (A)	Nuclear Pleomorphism (B)	Mitotic Count (C)	Histologic Grade (A+B+C)
Grade 1: Majority of tumor (greater than 75%) Grade 2: Moderate degree (10% to 75%) Grade 3: Little or none (<10%)	Grade 1: Small regular nuclei. Grade 2: Moderate nuclear size and variation. Grade 3: Marked variation in size, nucleoli, chromatin clumping.	Score 1: 0-7 mitoses per 10 HPF with 40 x objective Score 2: 8-14 mitoses per 10 HPF with 40 X objective Score 3: > or equal 15 mitoses per 10 HPF with 40 X objective	Low Grade (I): 3 to 5 Intermediate Grade (II): 6 to 7 High Grade (III): 8 to 9

MACROSCOPIC DESCRIPTION:

Specimen designated "left breast mass-excisional biopsy" received in formalin and labeled with the patient's name consists of fibroadipose tissue with inserted needle locator and accompanying X-ray measuring 6.5x5.0x1.5 cm in greatest dimension with attached suture indicating superior margin. The surface is inked for the assessment of margins. Cut sections show an ill-defined, firm, white lesion 2.2 cm in greatest dimension 1.5 cm from closest posterior margin. Remaining portion of specimen is unremarkable. Entirely submitted in 14 cassettes as follows: (#1- anterior; #2-5= posterior; #6-7= lateral; #8-9=medial; #10-11=superior; #12-14=inferior)

PATHOLOGIST:

Ali Tamsen, MD, FACP / Electronically Signed