



## PROFESSIONAL PATHOLOGY SERVICES, PC

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Medical Director - Jacqueline Emery, MD  
**Non-Gynecologic Cytology Report**

Patient Name: **TEST, BARBARA**  
SSN #: 234-56-7891  
DOB/Age: 4/4/1967 (Age: 39)/F  
Med. Rec. #: 877893-BT  
Client: **Test Client**  
Physician(s): Test Doctor, MD

Accession #: **N06-11**  
Collection Date: 7/25/2006  
Received Date: 7/26/2006

### Gross Description:

REC'D 25 MLS. BLOODY FLUID WITH PARTICULATE MATTER, CELL BLOCK, 3 FIXED SLIDES, 3 DQ SLIDES, CELLULAR ENHANCEMENT PERFORMED

### Clinical Information:

89 YR. OLD FEMALE WITH PLEURAL-BASED MASS LLL WITH RIB DESTRUCTION

### SPECIMEN SOURCE:

A: LUNG, FINE NEEDLE ASPIRATION

### INTERPRETATION:

**POSITIVE FOR MALIGNANCY - POORLY DIFFERENTIATED CARCINOMA,  
CONSISTENT WITH NON-SMALL CELL CARCINOMA OF PULMONARY ORIGIN.**

### MICROSCOPIC DESCRIPTION:

The cytologic preparations and the cell block have neoplastic cells with some spindled features and extensive necrosis. On special immunoperoxidase stains the tumor cells have expression of cytokeratin (AE1/3), TTF-1 and lack expression of CD34, P63, cytokeratin 5/6 or calretinin. The control positives and negatives for the cytokeratin (AE1/3), TTF-1, CD34, P63, cytokeratin 5/6 and calretinin antibodies stain appropriately.

### PRELIMINARY ASSESSMENT:

NOT DIAGNOSTIC-NECROSIS AND ATYPICAL SPINDLE CELLS

### COMMENTS:

Final findings discussed with Dr Lucas at HHRMC by Dr L. Grant 5/2/2006. Please refer to HHRMC surgical pathology report SP-06-1017 for the concurrent needle biopsy findings.

Electronically Signed Out by:  
System Manager II / CXU  
7/26/2006 13:03:27