



Patient: Jane A. Doe
DOB/Gender: 01/12/28 (93 yrs) - Female
Patient ID/MRN: 123456
Date Collected: 01/06/2021 10:35



Case#/Status: X21-01002 - Final
Report Category:
Neoplastic



Provider: John Doe, M.D.
 Hematology Oncology Associates
 Tel: 800-123-4567
 Fax: 800-123-4444

DIAGNOSIS:

Consult: Embedded tissue (#S11-0265), lung biopsy:

Metastatic carcinoma in lung with clear cell features. Immunohistochemical profile consistent with a metastatic renal cell carcinoma. See interpretation.

COMMENT

Clinicopathologic correlation is recommended.

MICROSCOPIC DESCRIPTION

Sections of lung tissue show nodules of an epithelioid-type proliferation, growing in ill-defined nests, separated by blood vessels in areas showing clear cytoplasm with irregular oval-shaped nuclei, characterized at the immunohistochemical level by expression of low-molecular weight Cytokeratin CAM 5.2 with coexpression of EMA. In addition, tumor cells show strong expression of Vimentin and coexpress renal-associated marker PNRA, confirming metastatic renal carcinoma. S100 protein shows only focal weak positivity and CD1a is unreactive, ruling out eosinophilic granuloma. There is no immunoreactivity with TTF-1 and Cytokeratin 7, ruling out a primary carcinoma of lung.

Additional Studies:

Stain	Result
CAM 5.2	positive
CD1A	Negative
S100	Positive – Focal/Weak
TT	Negative
Vimentin	Positive
EMA	Positive
CK7	Negative

CLINICAL DATA

ICD-10: C34.90. Lung adenocarcinoma.

CBC not provided.


Electronically Signed By: Frank Bauer, MD, Precipio, Inc. (02/21/21 23:00)


GROSS DESCRIPTION:


Received on 02/15/2021 from Pathology Associates are 1 H&E-stained and 1 paraffin block labeled S11-07265-A1.


Disclaimer: The adequacy of staining is verified by the appropriate positive and negative controls. The reagents used for these assays are analyte specific reagents (ASR). Their performance characteristics have been validated by Precipio Diagnostics, LLC, New Haven, CT. They have not been reviewed by the FDA. The FDA has deemed that such approval is unwarranted. These assays are for clinical use and should not be viewed as experimental or "research use only".

 **Patient:** Jane A. Doe

 **Received:** 02/15/2021 11:55

 **Case #:** X21-01002

 **Reported:** 02/23/21 15:18

 **Received Information:** 1 Paraffin block and 1 H&E-stained slide