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| Pt. Name: | خالد علي حسين السالمي | Lab Number: | C0518-2026 |
| Pt. Age: | 65 years. | Gender: | Male |
| Received date: | | Reported date: | 2026-01-27 |
| Referred By: | د/ طه الميموني | | |

PATHOLOGY REPORT

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| Clinical Information. | Ascitic fluid for cytology. |
| Nature of specimen. | Ascitic fluid. |

GROSS:

Two slides were prepared from submitted 50 ml reddish fluid and stained.

MICROSCOPIC:

Preparations are hemorrhagic show a moderate number of small lymphocytes and neutrophils admixed with many variable sized sheets and clusters of hyperplastic mesothelial cells, some exhibiting focal mild to moderate atypia. Other scattered small and large papillary clusters and separate formed of cells showing irregular hyperchromatic nuclei and abundant vacuolated cytoplasm are also seen. Such cytological features may produce by atypical mesothelial cells hyperplasia, epithelioid mesothelioma or metastatic adenocarcinoma.

DIAGNOSIS:

Pleural fluid, conventional cytology:

- Suspicious atypical cells, uncertain of mesothelial or epithelial nature (Category IV according to The International System for Reporting Serous Fluid Cytology, ISRSFC),
- Recommended for further studies (see comment).

COMMENT

Correlation with radiological findings (to ensure or exclude the presence of pleural mass lesion) as well as careful metastatic work-up (especially of lungs) are all advised to establish a final diagnosis.

Pathologist

Prof. Dr. Neveen Tahoun, MD, PhD
27-01-2026

Nerveen Tahoun