

# OncoCUP Dx - Final Report

## Patient Information

### Identification Data

HRN: UNK00001689  
 ID Card: Unknown

### Personal Data

Gender: Male  
 Race: Other  
 Age: 66

### Comorbidities

Ascites: Unknown  
 BPH: Unknown  
 Cholestasis: Unknown  
 Chronic Liver Disease: Unknown  
 Jaundice: Unknown  
 Metrorrhagia: N/A  
 Pancreatitis: Unknown  
 Pemphigus/Psoriasis: Unknown  
 Pericardial/Pleural Effusion: Unknown  
 Prostatitis: Unknown  
 Renal Failure: Unknown

### General Biochemistry

Creatinine (mg/dL): 1.50  
 ASAT (U/L): 128.00  
 ALAT (U/L): 180.00  
 GGT (U/L): 1193.00  
 Total Bilirubin (mg/dL): 1.00  
 Hemolized Sample: No

### Serum Tumor Markers

AFP (ng/mL): 127.00  
 Beta-hCG (mU/mL): 0.00  
 CA 15.3 (U/mL): 22.00  
 CA 19.9 (U/mL): 98.00  
 CA 72.4 (U/mL): 1.00  
 CA 125 (U/mL): 27.00  
 CEA (ng/mL): 1.50  
 CYFRA 21-1 (ng/mL): 140.00  
 HE4 (pmol/L): 0.00  
 NSE (ng/mL): 208.00  
 ProGRP (pg/mL): 0.00  
 Total PSA (ng/mL): 0.00  
 fPSA (ng/mL): 0.00  
 SCC (ng/mL): 0.60  
 S100 (mg/mL): 0.00

### Biochemistry Realization

Blood Drawn Date: 21-11-2017

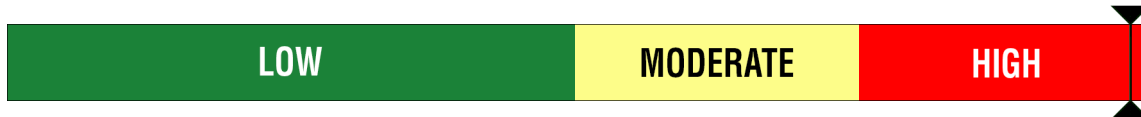
### Lifestyle

Smoking Habits: Past

## Outcome

### Tumor Markers Results

Some Tumor Markers are outside the reference range and suggest malignancy.

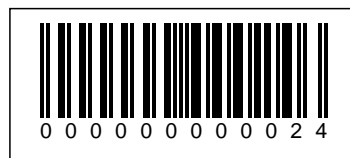


### Comments

Cholestasis is a well-known source of False Positive (FP) in healthy patients by increasing CA 19.9 levels so, if this information is unknown, current CA 19.9 levels recommend to explore patient to discard this comorbidity in order to suggest malignancy. Chronic Liver Disease is a well-known source of False Positive (FP) in healthy patients by increasing AFP levels but, although this information is unknown,



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these particular AFP levels suggest malignancy (independently of having or not this comorbidity). Chronic Liver Disease is a well-known source of False Positive (FP) in healthy patients by increasing CYFRA levels but, although this information is unknown, these particular CYFRA levels suggest malignancy (independently of having or not this comorbidity). Pancreatitis is a well-known source of False Positive (FP) in healthy patients by increasing CA 19.9 levels so, if this information is unknown, current CA 19.9 levels recommend to explore patient to discard this comorbidity in order to suggest malignancy. Renal Failure is a well-known source of False Positive (FP) in healthy patients by increasing CYFRA levels but, although this information is unknown, these particular CYFRA levels suggest malignancy (independently of having or not this comorbidity). Renal Failure is a well-known source of False Positive (FP) in healthy patients by increasing NSE levels but, although this information is unknown, these particular NSE levels suggest malignancy (independently of having or not this comorbidity).

### Conclusions

WE SUGGEST MALIGNANCY WITH A PROBABILITY OF 99.00%.

This report has been generated from the data entered on 22-11-2017 13:49:12 UTC/GMT.

### Disclaimer

This Multiple Biomarkers Disease Activity Algorithm (MBDAA) for Unknown Primary Cancer has been developed for the exclusive use by healthcare professionals, and solely as a Clinical Decision Support System (CDSS), not as a unique element for diagnosis. The algorithm bears a Sensitivity = 82.4%, Specificity = 98.1%, PPV = 94.9%, NPV = 97.3%. Please note, negativity of the Tumor Markers does not exclude at 100% the possibility of a malignant epithelial tumor.

