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## Peritoneal malignant mesothelioma in a young male patient: Ten years of evolution

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**E**pithelioid peritoneal malignant mesothelioma inpatient male, young, with the absence of a history of asbestos exposure and with supraclavicular lymph node metastasis. Abdominal ultrasonography and computed tomography showed a large number of ascites into the peritoneal cavity. On gross examination, at laparoscopy abdominal, gray nodules with variable size (1 to 6 millimeters) and morphology with nodules coalescent and plaques involving peritoneal and liver surface are observed. Fine Needle Aspiration (FNA) in a lymph node with Giemsa and Papanicolaou (PAP) staining show, on microscopic examination, large cell clumps with cuboidal mesothelial cells with increased nuclear to cytoplasm ratio and unclear cell borders, concentric round nuclei, conspicuous nucleoli and sparse mitotic figures. The stroma is fibrotic and myxoid. Tumor cells were positive for calretinin (strong nuclear and cytoplasmic expression), D2-40, EGFR, cytokeratin 5/6 and WT1, but were negative for MOC31, CEA, TTF-1, and Ber-EP4. We expected to contribute to the diagnosis identification with an unusual peritoneal mesothelioma in a young male patient with clinic evolution for more than 10 years.

### Biography

Daniela Cristina dos Santos was graduated in Medicine from São Paulo State University (2005), completed Medical Residency in Pathology (2009) from São Paulo State University, Masters in Pathology from São Paulo State University (2011) and completed PhD at the age of 38 years from São Paulo University in Pathology. She is currently Medical Assistant of the Department of Pathology of São Paulo State University, Brazil. She has experience in the area of Cytopathology, Histopathology, Fine Needle Aspiration Cytology (FNAC) in cancer diagnosis, with emphasis on Pathology Transplantation and Nephropathology. She is also supervisor of the Division of Postmortem Inspection.

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