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## Challenges in fine needle aspiration of pancreatic cystic lesions

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During the last two decades, endoscopic ultrasound fine needle aspiration (EUS-FNA) has revolutionized the diagnosis and treatment of pancreatic lesions. Cystic lesions of the pancreas are incidentally recognized with increasing frequency due to widespread use of advanced imaging modalities. Their characterization is challenging on FNA cytology, mainly due to sparse cellularity. The presentation provides an overview of the main cytologic findings in common and rare entities, as well as biochemical and emerging molecular markers in cyst fluid analysis which complement the cytologic examination. Integration of Bethesda guidelines for evaluation of these samples, correlation with the WHO classification of pancreatic tumors and future promising advances in diagnostic techniques will be discussed.

### Biography

Laurentia Nodit is a board-certified Anatomical and Clinical Pathologist and board-certified Cytopathologist. She currently serves as an Associate Professor and Cytopathology Residency Rotation Director at the University of Tennessee in Knoxville. She was graduated from University of Medicine, Romania and followed up with Pathology Residency and Specialty Fellowships in Cytopathology and Gastrointestinal Pathology at University of Pittsburgh and University of Alabama at Birmingham, USA. She has more than 30 publications in reputed journals in areas of pancreatic cytopathology and surgical pathology.

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