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Detection of the pancreatic cystic lesions highly increased mainly due to incredible progress in the cross-sectional imaging availability and technological improvement. Increasing of detection of this lesions resulted with significantly rise in the number of surgical resections. But, resection of these lesions could be unjustified due to benign nature of many cystic lesions. Thus, it is crucial to make a correct differential diagnosis to avoid unnecessary surgeries, besides the detection of these lesions. Fortunately, most of the pancreatic cystic lesions have either characteristic imaging features or typical age and gender predominance. Radiologists also should be sufficiently aware of management of cystic lesions. Close cooperation of radiologist with surgeons and gastroenterologist also will be effective in terms of accurately diagnosis and management of the patient and it will allow avoiding from unnecessary invasive procedures or surgical interventions. In this review, we discuss briefly clinical presentations, characteristic features, differential diagnosis with a wide range of interesting cases and lastly management of the patients.

Biography

Murat Acar has graduated from Istanbul University, Cerrahpasa Medical Faculty in 1996. He then completed his residency education in 2001. He worked as a research fellow at Department of Abdominal-Interventional Radiology, Brigham & Women's Hospital, Harvard University between 2007-2008. Recently, he continued to work as a Consultant and Professor of Radiology at Department of Radiology, King Hamad University, Bahrain. His special interests are Abdominal Imaging and Non-vascular Intervention.

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