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Endoscopy Ultrasound from radial to Linear, breaking paradigm

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Since the introduction of Endoscopy ultrasound (EUS) in the clinical practice at the beginning of 80th, the radial echo endoscope (r-EUS) was used as diagnostic technique in benign and malignant Gastrointestinal lesions for many years, but its lack to take samples for cytology of sub epithelial or extramural tumors, pancreas or lymph node, brought in to the field the curvilinear EUS (c-EUS) which provide an accurate view of the needle tract; These different applications created a false paradigm that all GI service should have both scopes, one r-EUS for diagnostic and one c-EUS for Fine needle aspiration (FNA) and therapeutic, "these necessities" created a big economical problem to undeveloped countries making almost impossible to acquire those scopes. This is why since 1990, we started to use c-EUS not only to performed FNA but also as a diagnostic

technique in upper, and lower GI tract but also in biliary, liver and pancreatic diseases. In this presentation I will give a resume of our experience using c-EUS as a multipurpose scope Which is a cost-benefit option for all GI Units meaning huge resources saving.

Speaker Biography

Dervis Bandres is Vicepresident of Venezuelan Gastrointestinal Endoscopy Society and he is Chief of Endoscopy Ultrasound section and director of EUS fellow program at Central University of Venezuela, Centro Medico Docente La Trinidad Academic Centre, since 2008. He has attended more than National Congresses and meetings related to Gastroenterology. He has been serving as Gastrointestinal Endoscopy reviewer since 2009 and he is an active member of the Venezuelan Association of Ultrasound in Medicine since 1988.

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