EUS-GUIDED DETECTIVE FLOW IMAGING (DFI) ALLOWS EVALUATING PANCREATIC MICROVASCULARIZATION IN NONCALCIFIC CHRONIC PANCREATITIS: A PROSPECTIVE, SINGLE-CENTRE OBSERVATIONAL STUDY

Daniel De la Iglesia-García

UEG Week Copenhagen 2023 | Poster

Pancreas

October 16, 2023

A prospective observational study of 81 patients found that endoscopic ultrasound Detective Flow Imaging (EUS-DFI) grades of pancreatic microvascularization correlated significantly with Rosemont classification categories of chronic pancreatitis.

KEY POINTS

- EUS-DFI is a contrast-free technique that evaluates pancreatic microvascularization and low-velocity blood flow using four grades (0 to 3) based on the presence and degree of reticular microvascular patterns.
- Among 81 patients (mean age 54 years), EUS-DFI grade 0 was seen only in normal pancreas (n=18), grade 1 was associated with indeterminate findings in 86.6% of cases (n=15), grade 2 with suggestive findings in 97.5% (n=40), and grade 3 with suggestive or consistent findings (n=8, $p<0.001$).
- The authors conclude that EUS-DFI can be a useful tool for evaluating the inflammatory process in chronic pancreatitis, though further studies are needed to determine diagnostic accuracy.
- This material is relevant to gastroenterologists and endosonographers interested in advanced imaging techniques for noncalcific chronic pancreatitis diagnosis.

VIEW THIS CONTENT ON GUTFLIX

https://gutflix.eu/search/d/4b464664-743c-11ee-b03c-0242ac140004

AI-generated summary

This summary was generated by an AI large language model based on the content transcript. It is for informational purposes only and should not be considered a substitute for clinical judgment. Always rely on your professional expertise and the full clinical context when making clinical decisions.