

PANCREATIC FIBROSIS EVALUATED BY EUS-GUIDED ELASTOGRAPHY IS NOT INFLUENCED BY PATIENT AGE. RESULTS OF A PROSPECTIVE, SINGLE-CENTRE STUDY

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Poster

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A prospective study of 284 patients found that EUS-guided elastography for chronic pancreatitis is not influenced by patient age, unlike conventional EUS criteria which showed age-related correlation.

KEY POINTS

- The study included 284 patients (mean age 49.8 years, range 17-85) undergoing EUS-guided elastography for suspected non-calcific chronic pancreatitis, with findings classified by Rosemont criteria as normal (15.1%), indeterminate (38.7%), or suggestive for CP (46.1%).
- Age showed a statistically significant positive correlation with the number of conventional EUS criteria for chronic pancreatitis ($r=0.127$, $p=0.03$ overall; $r=0.383$, $p=0.008$ in idiopathic cases).
- No significant correlation was observed between patient age and EUS elastography measurements (strain ratio or strain histogram) in any patient group.
- The authors conclude that pancreatic fibrosis evaluation by EUS-guided elastography is not age-dependent and may therefore optimize diagnostic accuracy for chronic pancreatitis when age-related morphological changes complicate conventional EUS interpretation.

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