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Summary

DIGITAL-SINGLE-OPERATOR-VIDEO-PANCREATOSCOPY (D-SOVP) GUIDED LITHOTRIPSY FOR PANCREATIC DUCT STONES – LONG-TERM FOLLOW UP ON CLINICAL AND TECHNICAL SUCCESS AND QUALITY OF LIFE - A MULTI CENTER STUDY

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Pancreas

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A retrospective analysis of 32 chronic calcifying pancreatitis patients treated with digital single operator video pancreatoscopy guided pancreatic duct stone lithotripsy reports sustained pain reduction and quality of life improvement at mean 40.8 month follow-up.

KEY POINTS

- 81% of patients (26/32) reported significant and lasting decrease in pain and symptom burden, with mean pain scores decreasing from 6.1±0.55 to 1.6±0.35 at last follow-up ($p<0.01$).
- Quality of life criteria significantly improved in 81% of patients, defined by major improvements in general health status and everyday life performance.
- No recurrent intraductal stones were observed during the follow-up period of 40.8±8.3 months (range 32-57 months).
- 12.5% of patients (4/32) required subsequent pancreatic duct stenting due to persistent strictures, and 9.4% (3/32) reported persistent pain with 2 being eligible for partial pancreatectomy.
- The authors conclude that digital single operator video pancreatoscopy guided lithotripsy appears safe and effective but state further prospective trials are warranted.

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