digest to link pathways across secondary and tertiary care centres.

**Results** 95 centres across the UK entered data, including 2550 patients, and 2151 were included in the pathway analysis (excluding, benign disease, surveillance and cases with inadequate data). One third of patients had potentially resectable disease, and 50% of these underwent operative management during the 90-day follow-up. Patient demographics such as age and M:F ratio were similar between resectable and palliative groups, however the palliative group had a higher Charlson co-morbidity score. Resectable patients underwent more MDTs (2.48 vs 1.71) and investigations (3.12 vs 2.49) and had a longer time from first hospital contact to final MDT decision (50.88 vs 31.72 days) compared to the palliative cohort. Potentially operable patients had a longer diagnostic pathway than palliative patients. In addition, the number of days to reach a diagnosis was different within the surgical cohort, with a longer pathway in those found to be intra-operatively inoperable and receiving palliative bypasses.

**Conclusions** There is a wide variation between pathways for potentially resectable and palliative patients with suspected pancreatic cancer, with patients who ultimately undergoing palliative bypasses having longer diagnostic pathways.

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**039 TRENDS IN PANCREATIC CYSTIC LESIONS UNDERGOING ENDOSCOPIC ULTRASOUND: 16 YEARS EXPERIENCE IN A TERTIARY CENTRE**

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**Introduction** Referral for endoscopic ultrasound (EUS) for further assessment and fine needle aspiration (FNA) is well recognised however there is little data on whether the characteristics of such lesions have changed over time. Recent guidelines have moved away from FNA and the effect of this on outcomes and surgical resection rates is unknown. The aim of this study was to assess trends in referral for EUS with respect to patient and cyst characteristics, pathological adequacy and surgical resection rates over a 16 year period.

**Patients and Methods** Retrospective analysis of the EUS database was performed over the period 2003 to 2018. EUS procedures for assessment of cystic lesions were identified and information concerning number per year, patient age and sex, cyst size, cyst site, FNA and diagnostic cytology rates, surgical resection and malignant surgical resection pathology were recorded (high grade dysplasia was counted as malignant). Kendall’s tau test (continuous data) or the Chi squared (categorical data) for trend test was used to determine significant changes over time.

**Results** A total of 102 patients were recruited, median age 52 years, 52(51%) female. PEI was present in 46(45.1%) patients. Diagnosis of CP based on EUS and cross section images was made in 21(45.6%) patients in PEI compared to 7(12.5%) in normal FEL-1, \( p = 0.003 \). Sarcopenia was prevalent in PEI group 31(67.4%) compared to normal FEL-1 18(32.1%), \( p = 0.0006 \). Similar prevalence of sarcopenia was found in PEI with no-CP 66.7% and in PEI with CP 68.2%. Sarcopenic obesity was more prevalent in PEI 14/20 (70%) compared to normal FEL-1 8/28(28.6%), \( p = 0.008 \). Sarcopenia and DM was strongly associated with PEI in multivariate analysis. Pack-year smoking was significantly higher in PEI, \( p = 0.03 \).

**Conclusions** Sarcopenia was strongly associated with PEI. The prevalence of sarcopenia was the same in both PEI with CP and PEI with no-CP. Risk of sarcopenia still exit in PEI patients with obesity, therefore, quantification of skeletal muscle using digital analysis software could make a rapid, and objective assessment of nutritional status.