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Gut

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Selection criteria
- Non-functional PanNET
- No distant metastasis at surgical resection
- Sporadic
- Follow-up present
- Sufficient material
- Complete cases for size, WHO grade, ATRX/DAXX status, ALT, ARX/PDX1 subtype

Biomarkers

Size
- ≤2cm: 62% (250 cases)
- >2cm: 38%

WHO Grade
- 1: 73% (245 cases)
- 2: 27%

ATRX/DAXX
- Retained: 70% (190 cases)
- Lost: 30%

ALT
- ALT-: 43% (170 cases)
- ALT+: 57%

Subtype
- Subtype PDX1+: 30% (90 cases)
- Subtype PDX1-: 70%
- PDX1+/ARX-: 44% (132 cases)
- PDX1-/ARX+: 24% (72 cases)
- PDX1-/ARX-: 22% (66 cases)
- PDX1+/ARX+: 20% (60 cases)

All PanNETs
- 561 cases
- ≤2cm/pNO: 25% (140 cases)
- >2cm/pNO: 75% (421 cases)

Additional criteria
- ≤2cm size
- No positive lymph nodes

Relapse
- NS

Conclusions
- Shorter RFS independently associated with PanNETs >2cm or continuous size. Not independent in pNO PanNETs ≤2cm
- Shorter RFS associated with WHO grade >1, not independent of other variables
- Shorter RFS independently associated with either ALT or ATRX/DAXX loss of protein expression. Also in pNO PanNETs ≤2cm

Biomarker % in other NETs
- 561 NF-PanNETs
- 107 NF-PanNET metastases
- 48 Lung NETs
- 28 Lung NET metastases
- 32 Gastric NETs
- 16 Gastric NET metastases
- 41 Duodenal NETs
- 32 Duodenal NET metastases
- 7 Ampullary NETs
- 39 Jejunal NETs
- 71 Jejunal NET metastases
- 123 Ileal NETs
- 151 Ileal NET metastases
- 8 Colonic NETs
- 8 Colonic NET metastases
- 17 Rectal NETs
- 10 Rectal NET metastases
- 28 Appendiceal NETs
- 1 Gallbladder NETs
- 3 Gallbladder NET metastases