

# 15<sup>th</sup> EUROPEAN PATHOLOGY CONGRESS &

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### Review and local experience for evaluating pancreatic tissue specimens

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**Background:** Pancreaticoduodenectomy (Whipple) and distal pancreatectomy (DP) operations are the preferred methods for indications ranging from benign inflammatory conditions to malignant neoplasia. Pathological examination of both Whipple and distal pancreatectomy materials requires special attention to correctly evaluate many important prognostic factors. In this study, we aimed to present the pathology results of 41 Whipple and distal pancreatectomy materials evaluated retrospectively over six years of period.

**Methods:** A total of 41 Whipple procedure and distal pancreatectomy materials, both benign and malignant, which were evaluated in the Istanbul Ekin Private Pathology Laboratory between January 2010 and January 2016 were included in the study.

**Results:** Out of the 41 cases, 10 (24.4%) showed DP and 31 (75.6%) showed Whipple; 22 (53.6%) of the cases were male and 19 (46.4%) were female, and the mean age was 59.8 years. Six (14.6%) cases were benign and 35 (85.4%) were malignant. Of the 35 malignant cases, 15 were female and 20 were male; the mean age was 60.44 years. In terms of localization, 6 (17.1%) of the tumors were localized to the ampulla, 7 (20%) to the pancreas distal, 2 (5.7%) to the duodenum, and 20 (57.2%) to the pancreas head.

**Conclusion:** In pancreatic carcinoma cases that are treated with either Whipple or DP, macroscopy should be assessed pathologically, and the entire piece should be diligently sampled. By doing so, parameters fundamentally affecting the survey, such as tumor type and lymph node status will be evaluated more accurately. In addition, rate of resection in benign lesions can be slightly reduced by performing FNAB with ERCP or EUS to the masses detected by imaging in the preoperative period.

#### Biography

Ceren Canbey Goret has graduated from Medical School in 2007 and completed her residency training in Clinical Pathology in 2013. She worked for two years as a Staff Pathologist at Istanbul Haydarpasa Numune Training/Research Hospital, and for two years as an Assistant Professor Pathologist Canakkale Onsekiz Mart University Hospital. Currently, she is working at Health Science University, Sancaktepe Training/Research Hospital as a Staff Pathologist since 2017.

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