



UNIVERSITÀ  
DEGLI STUDI DI MILANO-BICOCCA

## SYLLABUS DEL CORSO

### Neoplasie del Pancreas

1819-5-H4101D145

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#### Aims

The elective course aims to investigate medical-surgical topics concerning the main pancreatic neoplasms. At the end of the course the student will be able to classify, draw a diagnostic-therapeutic path and give a prognostic evaluation of the malignant neoplasms affecting the pancreas.

#### Contents

Incidence, classification, clinical presentation, diagnostic-therapeutic course, resective and palliative surgical treatment, oncological medical therapy and post-operative complications of the main pancreatic malignant neoplasms.

#### Detailed program

Italian and worldwide incidence of pancreatic neoplasms with particular attention to trends in recent decades. Risk factors. Histological classification: pancreatic adenocarcinoma, acinar cell tumor, cystic tumors of the pancreas (serous and mucinous cystadenoma, infrequent cystic neoplasms), IPMN. Neuroendocrine neoplasia with pancreatic localization NET and NEC (secreting: insulinoma, gastrinoma, glucagonoma, somatostatinoma, vipoma, non-secretory neuroendocrine tumors), carcinoid. Symptoms and clinical diagnosis: role of ultrasound, CT abdomen, MRI-cholangioMR, echoendoscopy and ERCP. Role of neoplastic markers in diagnosis and follow-up. Surgical treatment, outline of the technique (duodenopancreatectomy, splenopancreatectomy, distal pancreatectomy, role of laparoscopy, intraoperative ultrasound.) Advantages and disadvantages of extended lymphadenectomy. Surgical, endoscopic and interventional radiology for palliative purposes. Postoperative follow-up. Post-operative complications (delayed gastric emptying, pancreatic fistula, haemorrhage, intra-abdominal abscesses, bile leak, post-operative adhesions) Pre-and post-operative pain treatment, survival after radical surgery and prognosis for the various histotypes.

**Prerequisites**

be enrolled in the 5th year of medicine and surgery

**Teaching form**

lectures and participation as an observer in the operating room

**Textbook and teaching resource**

didactic material provided by the teacher

**Semester**

second semester

**Assessment method**

the course foresees only the active participation in the frontal activity and the exercises in the operating theater

**Office hours**

On appointment

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