

## SR 1

### Overview of BP surgery

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**Lecture :** In medical dramas, surgeons, especially HBP surgeons, are often the main characters. This is because HBP surgery is a division that intensively performs high-level surgery, so it can show the most dramatic results. Therefore, it can be said that HBP surgery is 'The Flower of Surgery'. For the public, this technical aspect is mainly focused on, but in fact, the area of HBP surgery, especially biliary pancreato-biliary surgery, is an area that requires an in-depth understanding of organ physiology and diseases entity.

In addition to the pancreas and biliary tract, hepatic resection is performed in patients with intrahepatic stone, intrahepatic cholangiocarcinoma, and hilar cholangiocarcinoma, so it is necessary to understand the entire area of HBP surgery. Pancreato-biliary surgeon is performing surgical treatment for gallbladder cancer and biliary tract cancer, including benign gallbladder disease, which is the most frequent in biliary tract disease. And pancreato-biliary surgeon is performing surgical treatment for various pancreatic diseases in the pancreas.

Not only are the organs performing surgery diverse, such as the liver, biliary tract, and pancreas, but also the spectrum of diseases varies. The pancreato-biliary surgery is responsible for surgical treatment not only for benign diseases such as gallstone and choledochal cysts, but also for malignant diseases including pancreatic cancer with the worst prognosis. In particular, it is in charge of surgical treatment of borderline disease such as pancreatic solid tumor excepting pancreatic ductal adenocarcinoma and pancreatic cyst, a lot of knowledge is required because it is difficult to decide whether to perform surgery or not and how to perform surgery.

Pancreato-biliary surgeons not only require in-depth understanding of these diseases, but also must have a high-level surgical skill, as is widely known. The organs are in the peritoneal cavity and the retroperitoneal space, and there is a risk of massive bleeding during surgery because there are major blood vessels around them. Inflammatory reactions caused by the biliary tract and pancreatic duct obstruction increase the difficulty of surgery. Therefore, the complication rate is higher than that of other GI tract surgeries, and the complications can also be fatal. To properly cope with these complications, an understanding of organs is necessary.

Despite requiring such a high level of knowledge and skills, here are senior doctors who have jumped into HBP surgery as one belief to save patients from difficult diseases. Korean pancreato-biliary surgeons here are leading the world in terms of surgical skill and various research. Many research results have been reported and have been a reference for various treatment guidelines. In terms of surgical skill, especially minimally invasive surgery, laparoscopic and robotic pancreatic surgery are top classes in the world, so many foreign surgeons are coming to learn Korean pancreatic surgery.

Today, I introduce the charm of pancreatic biliary tract surgery to you, and I expect you to be our member in the near future, and I hope you will present it on my behalf in 10 or 20 years.