

**Table 1** Proposed ASGE grading system for complexity of ERCP procedures [7]

---

Types of procedures

---

Grade 1

Deep cannulation of duct of interest, main papilla, sampling  
Biliary stent removal/exchange

Grade 2

Biliary stone extraction < 10 mm  
Treat biliary leaks  
Treat extrahepatic benign and malignant strictures  
Place prophylactic pancreatic stents

Grade 3

Biliary stone extraction > 10 mm  
Minor papilla cannulation in divisum, and therapy  
Removal of internally migrated biliary stents  
Intraductal imaging, biopsy, FNA  
Management of acute or recurrent pancreatitis  
Treat pancreatic strictures  
Remove pancreatic stones mobile and < 5 mm  
Treat hilar tumors  
Treat benign biliary strictures, hilum, and above  
Manage suspected sphincter of Oddi dysfunction (with or without manometry)

Grade 4

Remove internally migrated pancreatic stents  
Intraductal image-guided therapy  
Pancreatic stones impacted and/or > 5 mm  
Intrahepatic stones  
Pseudocyst drainage, necrosectomy  
Papillectomy  
ERCP after Whipple or Roux-en-Y bariatric surgery

---

Increase 1 level (to a maximum of 4) when the patient has had Bill-  
roth II gastrectomy