Cholangiocarcinoma patients with biliary stents or percutaneous biliary drainage catheters often present with acute symptoms. To address diagnosis and treatment of these scenarios, a panel of expert physicians reviewed 292 clinical patient scenarios. Using previously established standards for addressing disagreement, a systematic approach was used to develop medical treatment recommendations. The modified RAND/UCLA Delphi process enabled the work by the Cholangiocarcinoma Panel to follow broad-based consensus guidelines. Physicians expert in the management of biliary tract disease, including hepatobiliary radiology, hepatobiliary surgery, infectious disease, emergency medicine and gastroenterology, were invited to participate. The Delphi panel process resulted in 65 consensus recommendations, including medical treatment of urgent symptoms in cholangiocarcinoma patients.