Supplementary Video 1. The video showcases the “balloon-catheter-cannulation technique” for route identification and axis stabilization during direct freehand cholangioscopy using an ultra-slim upper endoscope (Fujinon EG-530NW; Fujifilm, Düsseldorf, Germany). Note that the endoscope slipped out of the bile duct once into the “hooking” position, which can be rescued immediately due to balloon stabilization and tracking.