This is a unique clinical report of an 82-year-old man with cholangitis post distal gastrectomy for treatment of ulcer disease >35 years ago, with no operative report available. The patient was referred subacutely for ERCP, which could not be performed in the primary hospital owing to unclear anatomy. First using a forward-viewing colonoscope in the left-lateral position, a jejunal limb was readily reached via the lesser curvature, with a second lumen identifiable at the opposite side, suggesting Billroth II anatomy [1]. Further advancement of the scope revealed a putative Braun’s enterenterostomy; however, the expected third lumen was not readily identifiable. On further scrutiny, convoluted folds near the suture line came to our attention, and after mounting a cap, the apparently degenerated duodenal stump with a sharp angulation could be carefully entered with a visibly dilatory effect. The entire duodenal stump proved diffusely strictured, such that we switched to a cap-fitted gastroscope to limit perforation risks [2]. Cautious and patient push-and-pull movements with intermittent abdominal compression were needed to finally reach the papilla in a strictly tangential position (▶Fig. 1, ▶Video 1). With a view to the ensuing utterly limited scope maneuverability and stability, we again exchanged for a double-lumen gastroscope with an oblique cap attached, with the shorter axis oriented to the papilla to better align into the putative biliary axis. Next, we applied a suction-assisted cannulation approach with a straight catheter, readily enabling deep biliary access, and multiple distal bile duct stones were confirmed (▶Fig. 2, ▶Video 1). The patient underwent endoscopic papillary balloon dilation up to 8 mm without endoscopic papillotomy, and partial stone extraction was performed using a wire-guided basket [3]. Given an already high

▶Fig. 1 Clarification of postsurgical anatomy and endoscopic access to the naïve papilla. a Explorative upper endoscopy using a forward-viewing colonoscope without a cap revealed a putative Braun enteroenterostomy, with the third lumen potentially degenerated and obscured at the 2 o’clock position. b Successful access into the duodenal stump after mounting a cap, which displaced the folds and was instrumental in transversing a sharp angulation, with marked tissue whitening reflective of de facto dilation. c Given the high perforation risks associated with continued use of the colonoscope passing through the diffusely strictured duodenal stump, we switched to a cap-fitted standard gastroscope, which revealed mucosal tears but no transmural defects. d Further illustration of normal duodenal mucosa and lumen-narrowing circular folds. e, f The naïve papilla reached at a tangential 3–4 o’clock position with suboptimal operability in terms of cannulation and duct access. In consideration of primary endoscopic access to the jejunum via the lesser curvature, with the duodenal stump entrance at the opposite side of the suture line, a final assumption of postoperative situs as “antiperistaltic Billroth II” with Braun procedure was made.
demand on analgosedation, we opted for temporary bile duct stenting, inserting a 10-Fr double-pigtail stent and postponing complete stone clearance for another ERCP session.

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Competing interests

None


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