Supplemental Table 1\* Published case reports regarding adverse events associated with ERCP.

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| --- | --- | --- | --- |
| Authors | Procedure(s) performed | Number patients | **Outcome** |
| Sisk (1) | Patient 1: Stent placement, Patient 2: Stone removal, biliary stent replacement | 2 | Cardiac arrests |
| Marchesi (2) | Metal stent insertion | 1 | Cerebral edema |
| Park (3) | Patient 1: Balloon dilation, Diagnostic ERCP, Patient 2: Cholangiopancreatography | 2 | Patient 1: Bradycardia  Patient 2: Cardiac arrest |
| Eoh (4) | Stricture dilation, Balloon dilation | 1 | Transient hemodynamic instability; bradycardia |
| Markin (5) | Stent replacement | 1 | Brain Death, cardiac and Cerebral ischemia |
| Mathew (6) | Cholangiogram, Sphincterotomy, Stone removal | 1 | Death via pulmonary air embolism |
| Siddiqui (7) | Dilation, Liver biopsy | 1 | Acute Pulmonary Embolism |
| Bastovansky (8) | Stent removal | 1 | Arterial hypertension, Respiratory insufflation |
| Chavalitdhamrong (9) | Stent exchange | 2 | Patient 1: Cerebral Injury.  Patient2: Spinal Cord Air Embolism |
| Duburque (10) | Patient 1: Sphincterotomy  Patient 2: Metal Stent | 2 | Patient 1: Hypocapnic,  Patient 2: Cardiac arrest |
| Wills-Sanin (11) | Stone removal | 1 | Hemodynamic collapse |
| Sawrey (12) | Drainage of pancreatic pseudocyst | 1 | Cardiovascular collapse |
| Vachalová (13) | Stent removal | 1 | Therapeutic Hypothermia |
| Bechi (14) | Gallstone removal, Sphincterotomy | 1 | Central Cyanosis, Hypertension, complex Tachycardia |
| Nern (15) | Bilateral Biopsy, Stent Placement, Dilation | 1 | Obstruction of the left portal vein. Echinococcosis |
| Kalaitzakis (16) | Cannulation | 1 | Edematous papillae |
| Maccarone (17) | Stent placement | 2 | Acute infarction |
| Cha, Sung Tae (18) | Stone removal | 1 | Cardiac arrest |
| Goins (19) | Diagnostic intraductal endoscopy | 1 | Cardiac arrest |
| Van Boxel (20) | Stent removal | 1 | Myocardial Infarction |
| Bisceglia (21) | Removal of stones | 1 | Right heart and pulmonary air Embolism |
| Rangappa (22) | Cholangiopancreatography | 1 | Death |
| Romberg (23) | ERCP with mechanical Lithroscopy, Plastic Stent | 1 | Hypotension, bradycardia, Hypoxia |
| Rabe  (24) | Patient 1: Balloon dilation  Patient 2: dilation | 2 | Patient 1: Air with CVA, edema of right hemisphere. Patient 2: Cardiorespiratory arrest. |
| Barthet (25) | Sphincterotomy | 1 | Small hemorrhage |

\*Supplemental Table 1 Reference List

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