**Table 1.** Characteristics of Patients, Details of the Procedure and Outcomes

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Case** | **Age (years)** | **Sex** | **Underlying disease** | **Type of fistula** | **Procedure** | **Days from the onset to the procedure** | **Orifice diameter (mm)**  | **Length (mm)** | **Infection of fistula** | **Approach** | **Filled PGA sheets (mm)** | **Number of filled PGA sheet** | **Occluded length of fistula (mm)**  | **APC** | **Concurrent occlusive treatment** | **Shielded PGA sheet (mm)** | **Technical outcome** | **Recurrence** | **Days from the procedure to recurrence** | **Follow-up days after the procedure** |
| 1 | 74 | F | Post-surgery for pancreatic cancer | Gastrojejunal anastomo-cutaneous | First | 199 | 4 | 116 | + | Endoscopic | 10 × 5 | 10 | 34 | + | PGA shielding | 20 × 20 | Successful | + | 230 | - |
| Second | 429 | 1 | Endoscopic | 20 × 10 | 2 | 13 | + | Clipping | - | Successful | - | - | 654 |
| 2 | 75 | F | Post-surgery for pancreatic cancer | Choledochojejunal anastomo-cutaneous | First | 797 | 1 | 19 | + | Percutaneous | 5 × 5, 10 × 5 | 5 | 15 | - | None | - | Successful | + | 84 | - |
| Second | 881 | 1 | Percutaneous | 40 × 10 | 4 | 19 | - | None | - | Successful | - | - | 202 |
| 3 | 72 | M | Post-surgery for pancreatic cancer | Gastrojejunal anastomo-cutaneous | First | 42 | 6 | 122 | - | Endoscopic | 20 × 10 | 5 | 30 | + | PGA shielding | 15 × 15 | Successful | + | 7 | - |
| Second | 49 | 5 | Endoscopic | 20 × 10 | 3 | 30 | + | PGA shielding | 20 × 20 | Successful | - | - | 465 |
| 4 | 72 | M | Post-surgery for pancreatic cancer | Colono-cutaneous | First | 99 | 5 | 5 | + | Endoscopic | 10 × 10 | 3 | 5 | - | None | - | Successful | + | 6 | - |
| Second | 105 | 5 | Endoscopic | 10 × 10 | 4 | 5 | - | Clipping | - | Successful | + | 11 | - |
| 5 | 78 | F | Perforated esophageal ulcer | Esophago-thoracic | First | 41 | 3 | 14 | + | Endoscopic | 20 × 10 | 1 | 3 | + | PGA shielding | 40 × 40 | Successful | - | - | 287 |
| 6 | 53 | M | Post-surgery for rectal cancer | Colono-cutaneous | First | 9 | 5 | 55 | + | Endoscopic | 20 × 10, 20 × 20 | 3 | 17 | + | PGA shielding | 30 × 30 | Successful | + | 2 | - |

APC: argon plasma coagulation; PGA: polyglycolic acid; FG: fibrin glue; F: female; M: male.