SF 1. Algorithm for standard follow-up for patients with R0 resected PDACs

**Operation**
(patients with R0 resected PDACs)

3~4 weeks after op.

4~6 weeks after op.

**Post op. clinic visit**

Before deciding adjuvant therapy, patients went through the following work-ups.
(Routine lab. check including CBC, LFT, CA 19-9 & CT)

- **Adjuvant Therapy (No)**
  Follow up for outpatient clinic with 1 month interval.
  Routine lab. check including CBC, LFT, CA 19-9, & CT every 3 months.
  (If clinically indicated, evaluation can be done by doctor’s decision)

- **Adjuvant Therapy (Yes)**
  Follow up for outpatient clinic with 1 month interval during adjuvant therapy (CCRT or chemotherapy)
  Routine lab. check including CBC, LFT, CA 19-9, & CT every 3 months.
  (If clinically indicated, evaluation can be done by doctor’s decision)
SF 2. Kaplan-Meier overall survival (OS) & disease free survival (DFS) for patients with R0 resected pancreatic ductal adenocarcinomas

(A) Median OS: 22.3 months

(B) Median DFS: 13.0 months
SF 3. Cox-regression multivariate analysis for OS & DFS

(A) Hazard Ratio for OS

- **MMP9 (-)**: Hazard Ratio = 2, p-value = 0.177
- **MMP2 (-)**: Hazard Ratio = 1, p-value = 0.012
- **Phosphorylated c-met (-)**: Hazard Ratio = 1, p-value = 0.599
- **Amphiregulin (-)**: Hazard Ratio = 1, p-value = 0.013
- **Angiolympathic invasion (-)**: Hazard Ratio = 1, p-value < 0.0001
- **CA 19-9 (Post op. decrement ≤ 50%)**: Hazard Ratio = 1, p-value = 0.015
- **Adjuvant CCRT (N)**: Hazard Ratio = 1, p-value = 0.047
- **Adjuvant chemotherapy (N)**: Hazard Ratio = 1, p-value = 0.022
- **AJCC stage (lower)**: Hazard Ratio = 1, p-value = 0.118

(B) Hazard Ratio for DFS

- **MMP9 (-)**: Hazard Ratio = 1, p-value = 0.063
- **MMP2 (-)**: Hazard Ratio = 1, p-value = 0.074
- **Phosphorylated c-met (-)**: Hazard Ratio = 1, p-value = 0.241
- **Amphiregulin (-)**: Hazard Ratio = 1, p-value = 0.003
- **Angiolympathic invasion (-)**: Hazard Ratio = 1, p-value < 0.0001
- **CA 19-9 (Post op. decrement ≤ 50%)**: Hazard Ratio = 1, p-value = 0.002
- **Adjuvant CCRT (N)**: Hazard Ratio = 1, p-value = 0.595
- **Adjuvant chemotherapy (N)**: Hazard Ratio = 1, p-value = 0.151
- **AJCC stage (lower)**: Hazard Ratio = 1, p-value = 0.205