Additional Table 2.

Results using intraoperative ultrasound-guided implantation of <sup>125</sup>I seeds for patients with locally advanced unresectable pancreatic cancer

|    |                      | NRS of           | NRS of       | Response         | Response | Local    | Overall  |          |
|----|----------------------|------------------|--------------|------------------|----------|----------|----------|----------|
| No | D <sub>90</sub> (Gy) | pre-seed         | post-seed    | rate             | rate     | control  | survival | Cause of |
| NO | D <sub>90</sub> (Gy) | implant          | implant      | (pain)           | (tumor)  | (months) | (months) | death    |
| 1  | 120                  | No               | No           | (paiii)          | CR       | 28       | 28       | М        |
|    | 120                  | NO               | NO           | Good             | CK       | 20       | 20       | IVI      |
| 2  | 110                  | Moderate         | No           |                  | CR       | 24       | 24       | М        |
|    |                      |                  |              | Response<br>Good |          |          |          |          |
| 3  | 140                  | Moderate         | No           |                  | PR       | 48       | 48       | М        |
|    |                      |                  |              | Response         |          |          |          |          |
| 4  | 115                  | Severe           | No           | Good             | PR       | 6        | 9        | M+LR     |
|    | 420                  | NI-              | N-           | Response         |          | 40       | 10       |          |
| 5  | 120                  | No               | No           | B.A. adiuma      | PR       | 10       | 10       | М        |
| 6  | 80<br>115            | Severe<br>Severe | Mild<br>Mild | Medium           | PD       | 5        | 5        | LR       |
|    |                      |                  |              | Response         |          |          |          |          |
| 7  |                      |                  |              | Medium           | PR       |          |          | Heart    |
|    |                      |                  |              | Response         |          |          |          | Disease  |
| 8  | 60                   | Moderate         | No           | Good             | PR       | 3        | 3        | М        |
|    | 440                  |                  |              | Response         |          |          |          |          |
| 9  | 140                  | No               | No           |                  | PR       | 9        | 9        | M        |
| 10 | 163                  | No               | No           |                  | PR       | 7        | 7        | N/A      |
| 11 | 120                  | No               | No           |                  | CR       | 14       | 14       | М        |
| 12 | 130                  | Moderate         | Mild         | Medium           | PR       | 14       | 14       | М        |
|    |                      |                  |              | Response         |          |          |          |          |
| 13 | 120                  | Severe           | Moderate     | Poor             | PR       | 13       | 13       | М        |
|    |                      |                  |              | Respons          |          |          |          |          |
| 14 | 80                   | Severe           | Mild         | Medium           | PD       | 3        | 9        | LR+M     |
|    |                      |                  |              | Response         |          |          |          |          |
| 15 | 125                  | No               | No           |                  | PD       | 3        | 8        | LR       |
| 16 | 140                  | Severe           | No           | Good             | PR       | 11       | 11       | М        |
|    |                      |                  |              | Response         |          |          |          |          |
| 17 | 151                  | No               | No           |                  | PR       | 14       | 14       | M        |
| 18 | 115                  | Severe           | No           | Good             | SD       | 13       | 13       | М        |
|    |                      |                  |              | Response         |          |          |          |          |
| 19 | 119                  | No               | No           |                  | PR       | 10       | 10       | М        |
| 20 | 106                  | Severe           | Mild         | Medium           | PR       | 9        | 9        | М        |
|    |                      |                  |              | Response         |          |          |          |          |
| 21 | 121                  | No               | No           |                  | PR       | 9        | 9        | М        |
| 22 | 161                  | Moderate         | No           | Good             | PR       | 9        | 9        | М        |
|    |                      |                  |              | Response         |          | -        | -        |          |
| 23 | 160                  | Severe           | Mild         | Medium           | SD       | 10       | 10       | м        |
|    |                      | 2010/0           |              | Response         |          |          |          |          |
| 24 | 94                   | No               | No           |                  | PR       | 8        | 8        | М        |
| 25 | 95                   | No               | No           |                  | SD       | 5        | 5        | М        |
| 26 | 97                   | Moderate         | No           | Good             | PR       | 10       | 10       | М        |
| 20 | 31                   | iviouerate       | INU          | Response         | FN       | 10       | 10       | IVI      |

| 27 | 162 | Moderate  | Mild    | Medium   | PR  | 11 | 11 | М   |
|----|-----|-----------|---------|----------|-----|----|----|-----|
| 21 | 102 | Wioderate | IVIIIU  | Response | PN  | 11 | 11 | IVI |
| 20 | 02  | Carrana   | 0.0:1.4 | Medium   | DD. | F  | F  |     |
| 28 | 93  | Severe    | Mild    | Response | PR  | 5  | 5  | М   |

Abbreviations:  $D_{90}$  = The reference dose that at least 90% of the tumor volume received, NRS = Numerical rating scale, CR = Complete Response, PR = Partial Response, SD = Stable Disease, PD = Progressive Disease, LR = Local Recurrence, M = Metastasis.