

Outcome of Laparoscopic Gastrectomy for Advanced Gastric Cancer in National Cancer Institute Thailand

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Purpose:

Because of benefit of minimally invasive surgery as less pain, faster recovery. We performed a palliative laparoscopic gastrectomy for selected advanced gastric cancer patients and present the oncologic outcome after follow up 6-15 months

Methodology:

Eight patients underwent laparoscopic gastrectomy from October 2010 to June 2011. The median age was 59.2 years with female to male ratio of 4:4 and pathological stage 3 in six patients and stage 4 in two patients (female 32 yrs. old with gastric cancer direct invasion to left liver and female 71 yrs. old with gastric cancer and peritoneal seeding).

Technically, we use multi trocars approach and total laparoscopic gastrectomy for 7 cases, laparoscopic assisted gastrectomy in 1 case, total gastrectomy 5 cases and distal gastrectomy 3 cases. We performed Roux-en-Y reconstruction.

Results:

Of eight patients, no conversion to open surgery, no operative mortality, no intraoperative complication, no leakage or collection occurred.

Postoperative gastric ileus occurred in patient 83 yrs. old for a month.

After follow up period of 6-15 months, six patients of gastric cancer stage 3 had no metastases or loco regional recurrence. Two patients of stage 4 had diseases progression and patient with carcinomatosis died at the 3rd month, another patient had left supraclavicular node metastases at the 5th months and then left pleural effusion and carcinomatosis and died at the 8th month postoperation.

Conclusion:

Laparoscopic gastrectomy for palliative treatment in selected advanced gastric cancer was safe and feasible. Patients recovered uneventful quickly even in carcinomatosis.

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