

Laparoscopic radical hysterectomy and pelvic lymphadenectomy for uterine and cervical cancer: Our institutional experience

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Aim: To study retrospectively the outcome, feasibility, morbidity and safety of total radical hysterectomy and lymphadenectomy at our institution.

Materials & Method: A total of 20 patients of carcinoma cervix and endometrium according to International Federation of Gynecology and Obstetrics (FIGO) stage were studied. Various patients parameters i.e., age, weight, BMI and stage of the disease were noted. Intra-operatively mean operative time and mean blood loss were recorded. Post-operative parameters noted in the present study included lymph node yield, surgical margin and hospital stay. Patients were followed up for a period of 6 months.

Results: Mean age of the patients was 54.2 years (range 45-67 years). Sixteen (16) patients had carcinoma cervix (12 patients had stage IB1 and 4 patients had stage IA2) and four patients were diagnosed to have endometrial carcinoma. Mean operative time recorded was 166 minutes (range 120-210 minutes) and average blood loss calculated was 212 ml (range 150-320 ml). These patients neither required intra operative blood transfusion nor had any intra operative complications. Surgical margins of the specimen were clear for all patients and average lymph node yield was 15.35 per patient. Mean hospital stay was 3 days. All the patients were followed up for a period of 6 months and all of them were locally controlled till last follow up.

Conclusion: Total laparoscopic radical hysterectomy and lymphadenectomy can be performed safely with shorter hospital stay and no morbidity and patients can be started on the post-operative adjuvant therapy early.

Biography

Ashutosh Gupta has completed his MCh in Surgical Oncology from Gujarat Cancer Research Institute, Ahmadabad in 2007. He is an Associate Professor and Head of Surgical Oncology Regional Cancer Center Dr. B R Ambedkar Hospital Medical College Raipur, India. He has expertise and special interest in minimal invasive oncosurgery. He has more than 12 publications in various national and international reputed journals.

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