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## Comparison of Total Laparoscopic Hysterectomy versus total abdominal hysterectomy: An assessment of the learning curve; Randomized Control Study.

**Sardar Muhammad Al Fareed Zafar**  
SOGP- President, Pakistan

**Abstract:** Hysterectomy is one of the most commonly performed major gynecological operations.

**Objectives:** The purpose of this study was to compare the outcome between total laparoscopic hysterectomy and abdominal hysterectomy regarding blood loss during surgery, surgical time and postoperative hospital stay.

**Settings:** Department of Gynecology & Obstetrics Allied Hospital, Faisalabad Medical University, Faisalabad.

**Period:** 1st January 2016 – 1st January 2017 (1 Year).

**Study Design:** Randomized control Study.

**Material & Methods:** The ethical committee of Faisalabad Medical University, Faisalabad approved the study protocol. The patient demographical characteristics were similar in both groups. 106 patients were enrolled. Including 56 case of total laparoscopic hysterectomy and 50 cases of abdominal hysterectomy which met inclusion criteria.

**Result:** Average intra-operative blood loss in 50 patients of total abdominal hysterectomy was between 300-500ml while in laparoscopic surgery average blood loss was negligible that is less than 100ml. Time employed for the laparoscopic hysterectomy was 45mins to 150mins with average of 75mins. In our study with increasing experience and good collaboration of surgical team, duration of surgery was found to be reduced. Post-operation hospital stay in case of total laparoscopic hysterectomy was 1-2 days while total abdominal hysterectomy it was 5-7 days.

**Conclusion:** The laparoscopic approach is an acceptable treatment modality in current gynecological practice with good experience and good collaboration of surgical team, time duration can be shortened and negligible blood loss during surgery.

**Keywords:** Total Laparoscopic Hysterectomy (TLH). Total Abdominal Hysterectomy (TAH).

### Biography

Prof. Dr. Sardar Fareed-al-Zafar who is the also holding the post of the Head of the Gynaecology & Obstetrics Allied Hospital Faisalabad. Dr. Fareed is also Head of Allied Hospital & DHQ Hospital Faisalabad along with 4 other hospitals under the university authority. The first group of graduates with M.B.B.S degrees finished in 1978.

sogpjmcc@hotmail.com