

Purohit technique of vaginal hysterectomy and its scope

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Many patients undergoing total abdominal hysterectomy and laparoscopically assisted vaginal hysterectomy for benign cause could probably undergo the least invasive total vaginal hysterectomy instead. If the hysterectomy could be performed through the vaginal route by an easier method allowing access to the parauterine space with minimal use of thick clamps, suture and morcellation and with better vision of the deeper structures, than the proportion of hysterectomies performed vaginally by gynecologists might be increased.

Principles of the Purohit technique of vaginal hysterectomy are:

1. Vaginal walls are incised by monopolar current (30-35 watts).
2. A right angle forceps is used throughout to elevate, hook, stretch, spread and retract all the lateral attachments of uterus and vessels from their posterior aspects; tissues were desiccated/coagulated by bipolar current (45 watts) and divided between the prongs of forceps. Uterine arteries were secured extraperitoneally.
3. A pelvic illuminator or a 10 mm telescope with light sources is used to illuminate any step of the operation where poor visibility is an obstacle to proceed further.
4. Conventional volume reduction manoeuvres are used as associated procedures in cases of large uteri to create the parauterine space for bipolar forceps and scissors. We believe Purohit technique is feasible, safe, and effective in conducting vaginal hysterectomy and salpingo-oophorectomy in almost all cases of benign disease with a uterus up to 20 weeks gestation size and without prolapse irrespective of most pre-existing conditions regarded as the relative contraindications to vaginal hysterectomy. Details of the technique can be seen on <http://www.purohittechnique.com>.

Biography

Ram Krishna Purohit, completed M D from Sambalpur university in India. He is a Member of Mumbai Obstetric and Gynecological society of India. Completed diploma in surgical pelviscopy and hysteroscopy from Germany. He is the director of Dept. of Obstetrics and Gynecology, Purohit General Hospital. He innovated "Purohit Technique of vaginal hysterectomy", published in British Journal of Obstetrics and Gynaecology in December 2003.

He also described 'Cervical clamping following ultrasound- guided uterocervical packing to control post partum uterine hemorrhage' in The International Journals of Gynecology and Obstetrics (I J G O) in May 2010.

In his training institute, Dr Purohit has trained Purohit Technique of vaginal hysterectomy to 48 Gynaecologists of national and international level.

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