

In-bag power morcellation for laparoscopic myomectomy: Our safe, reusable & cost-effective method

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ABSTRACT

Introduction: Morcellation of a gynaecological mass has been associated with the potential risk of intraperitoneal dissemination of malignant cells and injury to adjacent organs via the conventional approach. Many centres have discontinued usage of power morcellation in light of these apprehensions and scare. Alternative methods of removal have been devised, however none are as convenient and as quick as the power morcellator. A method that resolves the intraperitoneal-tissue-dissemination-dilemma yet allowing continued usage of power morcellation would be ideal! **Case Description:** A 42-year-old patient, para 0+1, was referred for laparoscopic myomectomy in view of underlying secondary subfertility with uterine fibroid prior to assisted reproductive technology (ART). CT abdomen/pelvis done reveals multiple large lobulated pelvic masses originating from both uterine and cervical regions measuring 8x8 cm and 3x4 cm respectively. **Discussion:** Many power morcellators in the market provide an in-bag morcellation solution, unfortunately they are one-time use-only, non-reusable and expensive. We present a case in which we performed using a reusable power morcellation that provides the safety of in-bag morcellation. Our video recommends this setup for centres which require cost-effective, safe and effective methods to continue performing laparoscopic myomectomies.