

Utilisation of Kiwi OmniCup for improved exposure and manipulation of large fibroid uterus in Total Abdominal Hysterectomy (TAH): Case Study and Report

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Introduction

The Kiwi OmniCup is traditionally used in obstetrics as a ventouse delivery device. It can also be utilised in TAH when the uterus is large, and accessibility and visualisation are challenging.

Objectives

This case report describes a trial of a novel technique where a flexible ventouse device was utilised to exteriorize the uterus in a TAH.

Case Study

Case: 46-year-old female presented with a history of heavy menstrual bleeding, constant abdominal discomfort and urinary frequency. On examination she had a 18/40 size uterus and pelvic ultrasound showed 10cm fibroid with a 16cm uterus. She was booked and consented for TAH.

Results: Pfannensteil incision and routine entry into pelvis revealed large fundal fibroid. A Kiwi OmniCup was used to exteriorise the uterus and improve visualisation of round ligament, tubo-ovarian pedicles and uterine artery and uterosacral pedicles for ligation without blood loss. The patient recovered well post operatively with minimal bleeding and well controlled pain.



Figure 1

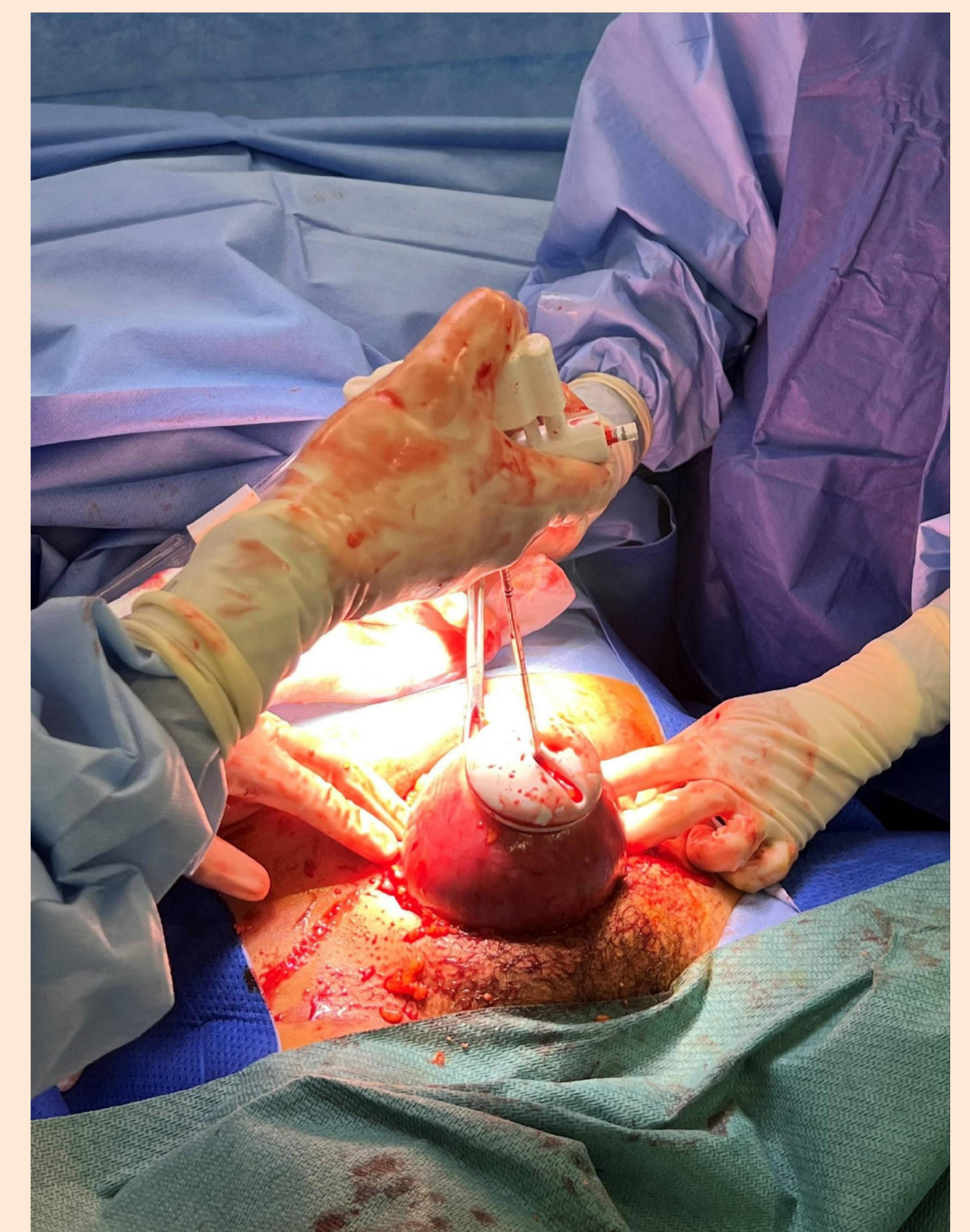
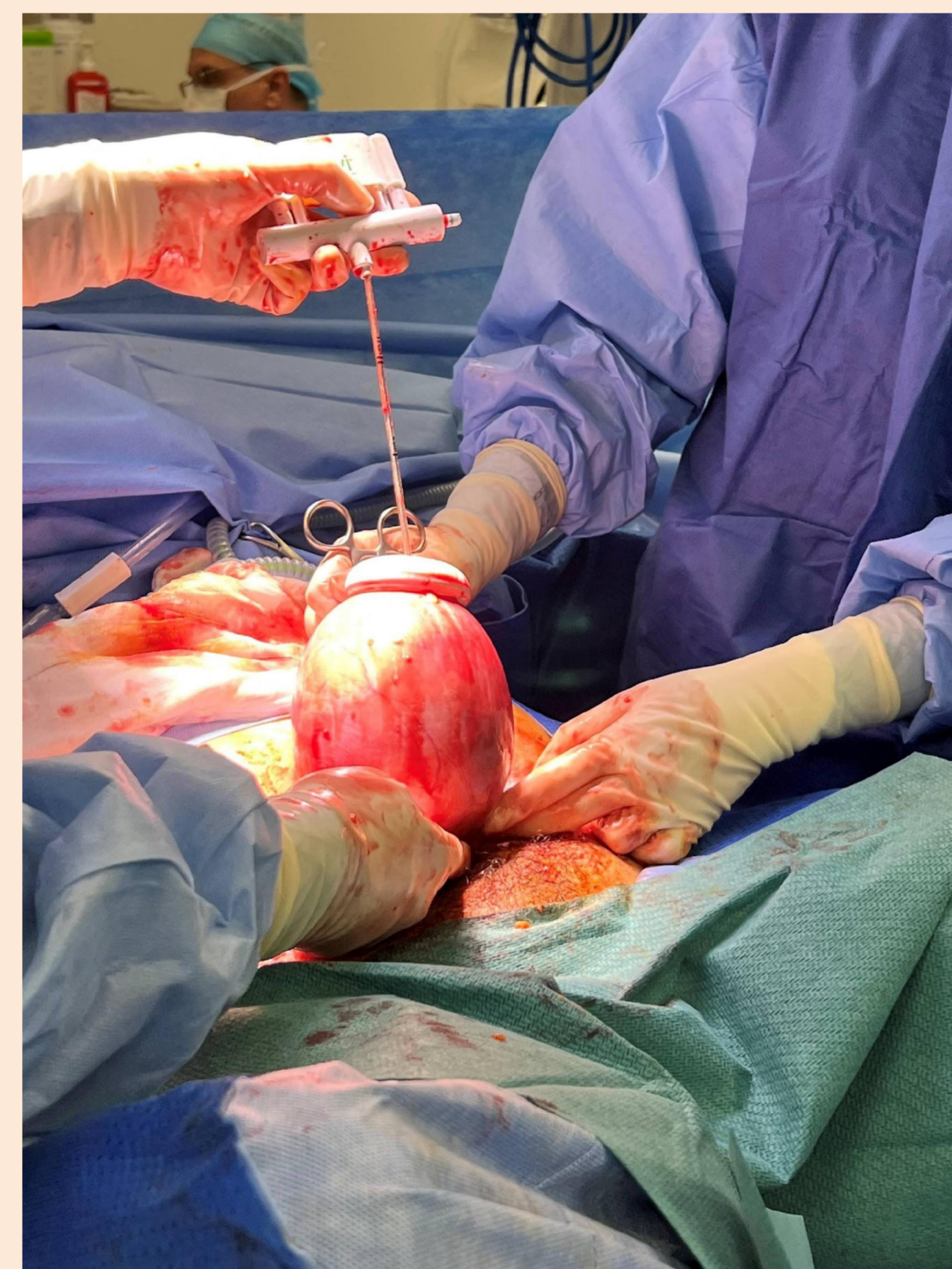


Figure 2



Figures 1-3: 1. Application of Kiwi OmniCup 2. Exteriorisation of uterus 3. Further exteriorization of uterus to expose relevant structures

Discussion & Conclusion

The Kiwi OmniCup represents a bloodless alternative technique to improve access in a complex TAH. Options for this step have historically included traction with a myomectomy screw, which can increase damage to surrounding structures including bowel and bladder. This technique could be particularly useful for patients with high body mass index where accessibility and visualization can be challenging.

