



Minimally invasive minilaparotomy can be used for benign large adnexal mass drainage, as in this case of a mucinous cystadenoma.

ILLUSTRATION: KIMBERLY MARTENS FOR OBG MANAGEMENT



Laparoscopic bilateral salpingo-oophorectomy via minilaparotomy assistance for the massively enlarged adnexal mass

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Large adnexal masses traditionally are removed surgically via laparotomy through a midline vertical incision to achieve adequate exposure and to avoid spillage of cyst contents. However, large laparotomies carry significant morbidity compared with minimally invasive techniques. Minilaparotomy is a minimally invasive approach that is associated with shorter operating times and lower estimated blood loss compared with laparoscopy in gynecologic surgery.¹ The procedure also provides adequate exposure and can be used for carefully selected patients with a large adnexal mass.^{2,3} Preoperative assessment for the risk of malignancy typically includes an evaluation of risk factors, physical examination, imaging, and tumor markers.⁴

In this video, we illustrate a minimally invasive technique for the removal of a massively enlarged adnexal mass through laparoscopic bilateral salpingo-oophorectomy with minilaparotomy assistance. We conclude that this procedure is a safe and feasible option for women



To view the video

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with a large benign adnexal mass, such as the highlighted patient whose final pathology resulted in a mucinous cystadenoma. Careful patient selection and preoperative assessment of malignancy risk is critical.^{5,6}

We hope that you find this innovative approach useful in your clinical practice. ●

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Dr. Advincula reports serving as a consultant to ConMed, CooperSurgical, Intuitive Surgical, and Titan Medical and receiving royalties from CooperSurgical. The other authors report no financial relationships relevant to this article.

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