Abstract Title: The Art of Kielland rotational forceps delivery. Do we need more training, or should we abandon it? That is the question.

Mohamed M Hosni, MD, MRCOG, MSc, MB.BCh.

Abstract:

There has been a wide variation in obstetric practice in the management of women at full cervical dilatation with malposition of foetal head, with many obstetricians preferring delivery by caesarean section rather than attempting instrumental vaginal delivery. This could be attributed to scarcity of published data about the safety and feasibility of Kielland's forceps as method of rotational operative vaginal delivery. The aim of this study was to assess the potential benefits and harms imposed by Kielland's forceps in comparison to other methods used to assist mid-cavity rotational vaginal delivery; manual rotation and rotational vacuum extraction. Seventy-two women, who underwent rotational Kielland's forceps vaginal delivery were compared to Sixty-nine women who had other rotational delivery: 42 rotational ventouse and 27 manual rotations, from October 2015 to October 2019. Statistical analysis was performed using the IBM SPSS Statistics for Windows, version 28.0. The results showed 36.2% of the women had maternal complications, however, neither Kielland's forceps nor rotational ventouse exert any significant effect on developing maternal complications compared to manual rotation ($P>0.5$) with only one case of perinatal death in Kielland's Forceps group. There were no maternal deaths, no thromboembolic events, and no laparotomies or hysterectomies in any of the three groups. Kielland's forceps will remain the method of choice for rotation operative vaginal delivery. However, acknowledging and accepting the associating risks and complications, and obtaining an informed consent from pregnant women is essential before embarking on such procedure. --------

Recent Publications

- Brendan Gallagher , Rebecca Mallick , Funlayo Odejinmi , **Mohamed M Hosni .** Perspectives on modes of labour and delivery after different modalities of surgery for bowel endometriosis. J Obstet Gynaecol 2021 Dec 29;1-5. doi: 10.1080/01443615.2021.1997957

- Osama Naji , Natalie Moska , Yaser Dajani , Awatuf El-Shirif , Hassan El-Ashkar , **Mohamed M Hosni** , Mohamed Khalil , Yacoub Khalaf , Virginia Bolton , Tarek El-Toukhy Early oocyte denudation does not compromise ICSI cycle outcome: a large retrospective cohort study. Reprod Biomed Online. 2018 Jul;37(1):18-24. doi: 10.1016/j.rbmo.2018.03.014.

- Nancy M Rund, **Mohamed M Hosni**, Rany M Harara, Essam E Mohamed. The Merits of Three-Dimensional Transvaginal Ultrasound in the Evaluation of Premenopausal Women with abnormal uterine bleeding. Journal of Gynecology and Neonatal Biology. 2017 Nov: 3(2): 39- 43 doi.org/10.15436/2380-5595.17.1111.

- **Mohamed M Hosni**, Mohamed Rishard. Take-home experience of overseas doctors at the end of their two years training placements in the International Doctors Training Programme in Obstetrics and Gynaecology in the United Kingdom: A questionnaire-based study. J Obstet Gynaecol. 2017 Jan;37(1):64-68. doi: 10.1080/01443615.2016.1209173.

- M Singh , **Mohamed M Hosni** , S E Jones. Is endometrial ablation protective against endometrial cancer? A retrospective observational study. Arch Gynecol Obstet. 2016 May;293(5):1033-7.

  doi: 10.1007/s00404-015-3909-5.



Biography with photo

---------- Mr Mohamed Hosni is a Consultant Obstetrician and Gynaecologist at London Northwest University Hospitals, with over 20 years of experience. He is a very experienced Obstetrician and laparoscopic surgeon, with international reputation in minimal access surgery he has a broad clinical research background and has collaborated with numerous doctors and scientists on different projects in Obstetric research, with many peer-reviewed publications. He has presented both Nationally and Internationally, have several peer-reviewed publications in scientific journals. He completed MD, MSc, and he is currently a member of the Royal College of Obstetricians and Gynaecologists. He is a firm believer in a patient-centred approach, personalized on an individual basis. He places a significant importance on taking time to listen to each patients' specific needs and providing them with a thorough explanation of their treatment options. Entirely dedicated to his profession.

E-mail: **magedlap@yahoo.com**

Full name: Mohamed Hosni

University/Organization: London North West University Hospitals

Country: United Kingdom

Mobile number: 00(44)7780032361

Category: Oral

Contact Address: 89A HOLLAND ROAD, LONDON, W14 8HP