

**4.3.7. Clinical evaluation (n=35) of chitosan-covered (CELOX™ PPH) gauze in patients with PPH.**

**Uterine packing with CELOX™ PPH for control of postpartum Haemorrhage.**

Maul H, Gebauer G, Rolf N, Saade G, Rezniczek G, Schmid B. Am J Obstet Gynecol. 2014; 210(1 Suppl 1):S281-S282. [poster presentation]

Case study series (n=35)

- Objective: to describe 26 months of experience using CELOX™ PPH in the treatment of PPH
- Over comparable periods of time (26 months) and similar number of births (n=5498 vs. n=6222) before and after the introduction of CELOX™ PPH there was a significant reduction in the rate of postpartum hysterectomies (p=0.011)
- CELOX™ PPH is a viable option for the treatment of (severe) PPH
- CELOX™ PPH is easy to apply and can be used after both vaginal and caesarean deliveries and requires no special training
- CELOX™ PPH is inexpensive compared to other treatment options
- No complications related to CELOX™ PPH treatment were observed

CELOX™ PPH was used in the control of severe PPH and was reported in a cohort study evaluation of thirty-five cases of PPH (Maul et al, 2014). Over comparable periods of time (26 months) and births (n=5498 vs. CELOX™ PPH, the rate of peripartum hysterectomies was significantly reduced (10 vs. 2, p=0.011) (Figure 16). Clinicians reported that no postpartum hysterectomies had been performed for 23 months since the introduction of CELOX™ PPH.

**Figure 16. Number of postpartum hysterectomies before and after introduction of CELOX™ PPH**

