

#### **4.3.8. Case studies: use of CELOX™ PPH in patients (n=19) with severe PPH (including cases where risk of postpartum hysterectomy is high).**

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

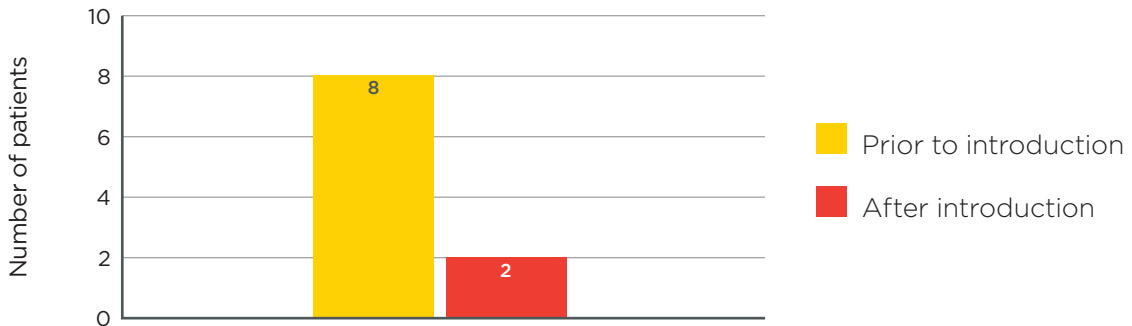
Schmid BC, Rezniczek GA, Rolf N, Saade G, Gebauer G, Maul H.. Am J Obstet Gynecol. 2013; 209(3):225.e1-225.e5.

Case study series (n=19)

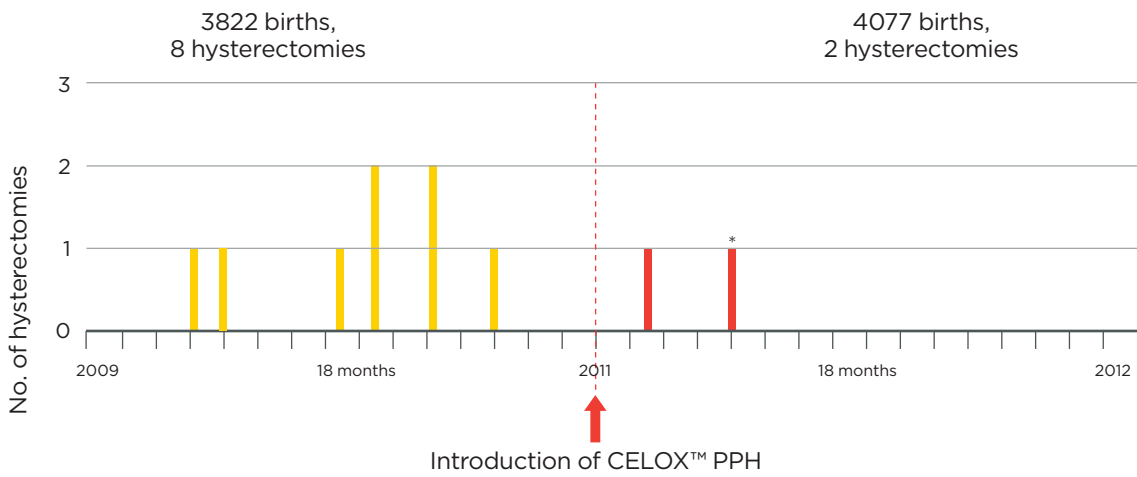
- Assessment of the use of CELOX™ PPH in the treatment of PPH
- Women with PPH were treated with uterine packing using CELOX™ PPH either through the hysterotomy, in the case of caesarean delivery or transvaginally
- In all but one case (18/19) bleeding was halted and no further intervention was required
- Over equivalent 18-month periods and with a comparable number of births (3822 vs. 4077) before and after the introduction of CELOX™ PPH, the rate of peripartum hysterectomies was reduced by 75% ( $p = .044$ )

Schmid and colleagues (2013) reported their experience of using CELOX™ PPH in 19 patients with PPH including several cases (n=5) where postpartum hysterectomy seemed inevitable. Patients suffering from PPH were treated by uterine packing with CELOX™ PPH, either through the hysterotomy in case of caesarean delivery or transvaginally, for up to 24 hours. In all but one case, the bleeding stopped, and further interventions were avoided. Bleeding stopped immediately (1-2 minutes) after application of CELOX™ PPH, and application of compression and bleeding did not recur. The clinicians reported that over comparable periods of time (18 months) and births (3822 vs. 4077) before and after the introduction of CELOX™ PPH in their clinic, the rate of peripartum hysterectomies was reduced by 75% (8 vs. 2,  $P=0.044$ ) (Figures 17 and 18). CELOX™ PPH was found to be easy to use and required no special training. No adverse effects were reported. In two patients, small fragments of CELOX™ PPH were accidentally left behind and it is recommended that dressing integrity should be routinely checked.

**Figure 17. Number of postpartum hysterectomies before and after introduction of CELOX™ PPH**



**Figure 18. Hysterectomies before and after introduction of CELOX™ PPH**



\*CELOX™ PPH Gauze not used