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Background

Early recovery is a concept involving the entire medical team following caesarean section. Carbetocin (Pabal[®]) is currently indicated for prevention of uterine atony after delivery by caesarean section. The administration of carbetocin requires a single dose after cesarean section; this allows the removal of intravenous drip on exit of the operating room and contributes to the early recovery of patient's autonomy.

Objective

→ evaluate the use of carbetocin in caesarian section

Material and methods

We compared the medical records between January 2015 where oxytocin (Syntocinon[®]) was used for the prevention of uterine atony and March 2016 after the referencing in the hospital of carbetocin in April 2015. Simultaneously to this comparison a satisfaction questionnaire was distributed to the patients who received carbetocin.

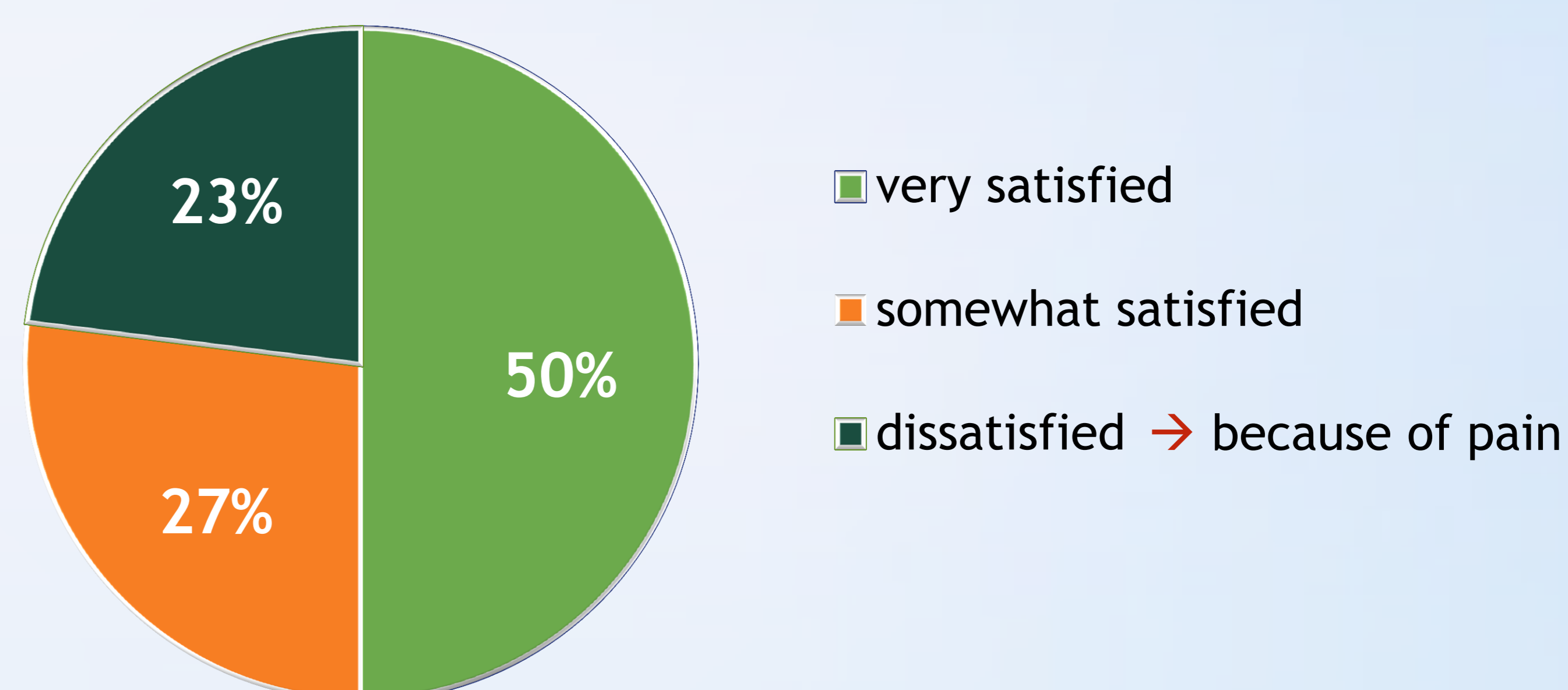
Results

Comparaison	January 2015	March 2016
birth by caesarean section	33	38
average lengths of post- cesarean recovery	7.6 days	6.7 days
difference	0,9 days	

- The French costs for hospital stays according to the **D**agnosis **R**elated **G**roup (**DRG**) for uncomplicated caesarean and the national length of stays for these **DRG** allowed us to assess the cost of a hospital day for an uncomplicated caesarean as **€667.17**.
- The reduction of 0.9 days per stay allows a **saving of €609 per stay**.

Comparaison	carbetocin	oxytocin
the average costs of administration	€25.27 /per stay	5.41€ /per stay
difference	€19.86	

Questionnaire replies (26 replies)



Out of the 26 patients, 7 had previous cesarean delivery without early recovery protocol and **86%** of them gave preference to the new protocol.

Conclusion

Early recovery after cesareans sections protocol has enabled savings in the cost of stay of **€609.45**. However, these savings cannot be exclusively attributed to the use of carbetocin. Indeed, **many other parameters** influence the decrease in length of stay. Carbetocin is more expensive than oxytocin, however its use allows a **clear improvement in patients comfort**.