

**Submucosal diclofenac for acute postoperative pain in third molar surgery: A randomized, controlled clinical trial**

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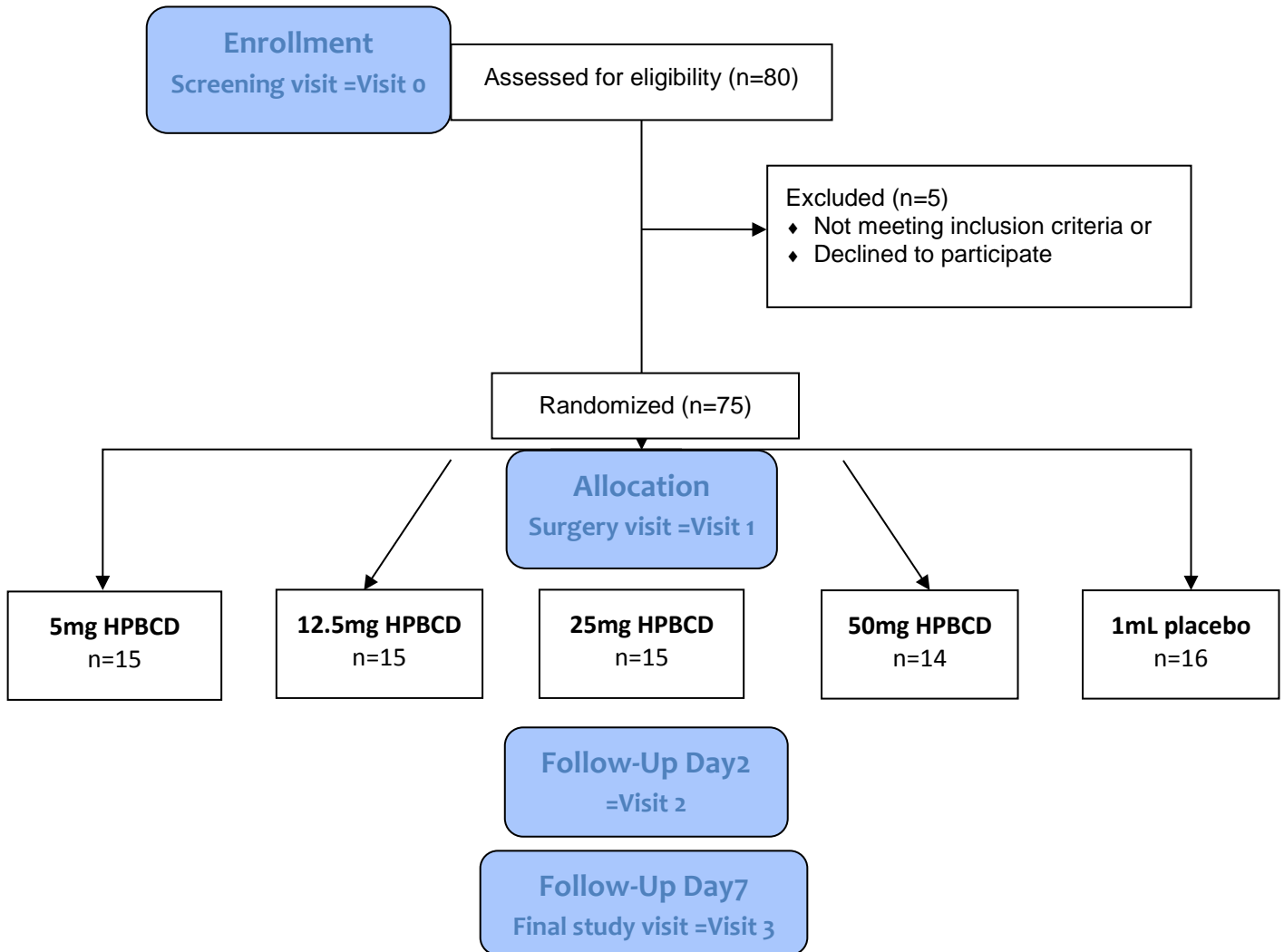
**Published version**

GORECKI, P., RAINSFORD, Kim, TANEJA, P., BULSARA, Y., PEARSON, D., SAUND, D., AHMED, B. and DIETRICH, T. (2018). Submucosal diclofenac for acute postoperative pain in third molar surgery: A randomized, controlled clinical trial. *Journal of Dental Research*, 97 (4), 381-387.

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Supplementary Figure 1: Study Consort Flow Diagram

Eighty patients were screened for eligibility, out of which 75 were randomised and completed the randomised controlled trial.



Supplementary Figure 2: Partial flap necrosis in the 25mg/1mL HP $\beta$ CD<sup>1</sup> diclofenac group, evident at 2-day review.

The patient was completely asymptomatic. The necrosis was present around the margins of the mucoperiosteal flap. This resolved without further intervention by the 7-day post-operative review appointment.

<sup>1</sup> HP $\beta$ CD - hydroxypropyl- $\beta$ -cyclodextrin



Supplementary Figure 3: Partial flap necrosis in the 50mg/1mL HP $\beta$ CD diclofenac group evident at 7-day review.

The patient was asymptomatic and the necrosis recovered without further intervention (similar to the necrosis seen in the 25mg/1mL group – see Appendix Figure 2).

<sup>1</sup> HP $\beta$ CD - hydroxypropyl- $\beta$ -cyclodextrin