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언어구분 ENG                      논문구분 원저/구연                      논문분야 슬관절

논문제목 슬관절 인공 관절 치환술 환자에서 단일 저용량 **dexamethasone** 선제 투여의 효과 및 안전성

영문제목 **The Preemptive Use of Single Low-Dose Dexamethasone Further Reduces Postoperative Pain and Emesis in TKA Patients**

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**증례 (or 수술술기) :** Postoperative pain and emesis can cause major postoperative systemic complications and delay recovery in patients following total knee arthroplasty (TKA). Furthermore, they are strongly associated with patient dissatisfaction. Although contemporary protocols to control perioperative pain and emesis after TKA have been reported to substantially reduce postoperative pain and emesis, pain and emesis after TKA remain to be a challenging issue. In our previous study, the use of Ramosetron provided limited antiemetic effects. In search of a further antiemetic measure, we identified the use of dexamethasone as the additional measure fortifying our antiemetic protocol using Ramosetron. This study was conducted to determine the efficacy of an additional preemptive, single, low-dose dexamethasone in terms of incidence and severity of postoperative emesis, pain level and opioid consumption, and the safety in terms of wound complications, managed with our antiemetic protocol based on Ramosetron following TKA.

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postoperative nausea and vomiting, postoperative pain management, total knee arthroplasty, dexamethasone

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