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Effects of a low cost levonorgestrel releasing intrauterine system on the bleeding pattern of women having menorrhagia: a phase two clinical trial.

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Women over the age of 40 years, presenting with menorrhagia without any uterine pathology were selected for the study. They underwent dilation and curettage as a mode of endometrial sampling under general anaesthesia and at the same time the 3inl-IUS was inserted in the treatment group. Control group was treated with Mefenamic acid after the DC. They were followed up until 3 months after the treatment. Treatment with the 3inl-IUS resulted in a significant reduction in menstrual blood loss when assessed with visual bleeding score (mean =64;SD=54vs, mean =282; SD =3.7vs. mean =8.2 days; SD=2.9p=0.000). Presence of pain in the form of dysmenorrhoea or lower abdominal pain was increased with 3inl-IUS, although it did not affect the increase in patient satisfaction which was associated with the new treatment.