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(54) Title: SINGLE DOSE AROMATASE INHIBITOR FOR TREATING INFERTILITY

(57) Abstract: The use of an aromatase inhibitor (AI) in the preparation of a medicament for use in inducing ovulation in a female suffering from anovulatory infertility which comprises administering to said female a single dose of the at least one aromatase inhibitor. The use of an aromatase inhibitor (AI) for the preparation of a medicament comprising a single dose of at least one aromatase inhibitor (AI) for administration to an ovulating female suffering from unexplained infertility or other types of ovulatory infertility early in one or more menstrual cycles. Such a medicament may also be administered to an anovulatory female in combination with a plurality of daily doses of follicle stimulating hormone (FSH) whereby the dosage levels of FSH may be reduced. The use of AI in the preparation of a medicament for administration to a female who is a poor responder to FSH, which comprises a combination of a single dose of AI with a plurality of daily doses of FSH is also disclosed. The related pharmaceutical preparations and packages are also described.