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(54) Title: AROMATASE INHIBITION TO ENHANCE ASSISTED REPRODUCTION

(57) Abstract: The use of at least one aromatase inhibitor in the production of a medicament for improving the implantation and pregnancy rates for a female undergoing assisted reproduction treatment, which comprises one or more daily doses of an aromatase inhibitor (AI) for administration during assisted reproduction cycles or ovarian stimulation cycles, wherein the doses of AI are selected from amounts effective to reduce serum estradiol levels. Also disclosed are related pharmaceutical preparations and packages.