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Efficacy, safety, and dose comparison of degarelix <sup>13</sup> for the treatment of prostate cancer: A systematic review and meta-analysis

Cheng Fang, Cai-liang Wu, Sha-sha Liu, Long Ge, Jin-liang Bai

#### Abstract

**AIM:** To conduct a systematic review and meta-analysis into the efficacy, safety, and dosage regimens of degarelix for treating prostate cancer (PCa).

**METHODS:** PubMed, EMBASE, the Cochrane Library, and Web of Science was systematically searched to identify randomized controlled trials (RCTs) comparing degarelix (240/80 mg versus 240/160 mg) to the gonadotropin-releasing hormone (GnRH) agonists, goserelin and leuprolide, for the treatment of PCa. Two independent reviewers screened putative studies, assessed the risk of bias, and then extracted pertinent data. Analyses were performed using Review Manager 5.2.

**RESULTS:** Seven papers from six RCTs, involving 1,204 patients, were identified. The present meta-analysis showed that treatment with 240/160 mg degarelix is more effective and has fewer AEs relative to conventional 240/80 mg regimen. Degarelix

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## Experience with degarelix in the treatment of prostate cancer

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The European study (n = 189) **compared** six **degarelix treatment** groups with starting .... On the basis of the **efficacy** and **safety** findings, the **degarelix dosage** of ... In CS21, PSA failure over time was a preplanned **analysis**; PSA PFS was a post ..... suppression therapy in the **treatment of prostate cancer: a systematic review** of ...

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