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# Enoxaparin

National Cancer Institute

## Source

National Cancer Institute. *Enoxaparin*. NCI Thesaurus. Code C1452.

A low molecular weight, synthetic heparin. As an anticoagulant/antithrombotic agent, enoxaparin's mechanism of action is similar to that of heparin, although it exhibits a higher ratio of anti-Factor Xa to anti-Factor IIa activity. This agent also has anti-inflammatory properties, inhibiting monocyte adhesion to tumor necrosis factor alpha- or lipopolysaccharide-activated endothelial cells. Compared to unfractionated heparins, the use of enoxaparin is associated with lower incidences of osteoporosis and heparin-induced thrombocytopenia. (NCI04)