

促骨合成激素(anabolic hormone)應用於治療骨鬆症

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Osteoporosis is characterized by low bone mineral density and/or poor bone microarchitecture which may increase the risk of fractures. Pharmacologic and non-pharmacologic therapies are used to treat this disease. Pharmacologic interventions include many kinds of drug such as selective estrogen receptors modulator, bisphosphonate, calcitonin, parathyroid hormone, et al.

Several kinds of parathyroid hormone are available including rhPTH 1-34, rhPTH 1-84, and rhPTH 1-31. Only rhPTH is approved in the US. Teriparatide (rhPTH 1-34, Forteo) has anabolic effect on the metabolism of bone. The action mechanisms and clinical effects of teriparatide will be discussed in the symposium.