

# Method of Treating Skeletal Dysplasias Using Vessel Dilator

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## Technology description

USF researchers have discovered that the cardiac hormone “vessel dilator” stimulates the proliferation of osteoblasts, resulting in the formation of new bone. These unique findings for cardiac hormone vessel dilator are useful for the treatment of achondroplastic dwarfism and other forms of skeletal dysplasia. Additional treatable disorders include osteopenia, osteoporosis, osteomalacia, hypoparathyroidism, and tumor associated osteomalacia, among others. This technology provides a promising treatment strategy for various disorders related to diminished bone growth. Researchers at the University of South Florida have developed a treatment method for skeletal and osteopathic disorders that stimulates bone growth with a natural blood vessel dilator compound.

## Institution

[University of South Florida](#)

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