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(54) **Title:** TREATMENT OF PEDIATRIC GROWTH HORMONE DEFICIENCY WITH HUMAN GROWTH HORMONE ANALOGUES

(57) **Abstract:** The present invention concerns a pediatric growth hormone deficiency (PGHD) therapy for pediatric subjects. The therapy comprises administering to the pediatric patient with PGHD a human growth hormone -XTEN (hGH-XTEN) fusion protein in therapeutically effective doses every week, every two weeks, semimonthly, every three weeks, or monthly. This therapy is not inferior compared to the height velocity achieved with daily injections of hGH not linked to XTEN over the same period.

