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Research Title : *Growth hormone for children with chronic renal failure and on dialysis*

Growth hormone for children with chronic renal failure and on dialysis

Descriptpn : Abstract We studied all children with CRF who received recombinant human growth hormone (rhGH) for more than a year (mean±SD duration of therapy 3.7±2.5 years) over an 11-year period. There were 32 children. Twentyone children were conservatively managed, with a mean glomerular filtration rate (GFR) of 24±12 mL min⁻¹/ 1.73 m² at the start of rhGH. Their height standard deviation score improved from -2.5±1.4 to -2.1±0.7 at 1 year (P=0.3), -2.0±0.7 at 2 years (P=0.01), and -1.6±0.6 at 3 years (P=0.001). After that there was no improvement. Eleven children were on dialysis, six on haemodialysis (HD) and five on peritoneal (PD). Ht SDS improved from -2.7±0.5 to -2.3±0.5 at 1 year (P=0.02). Thereafter there was no further improvement. RhGH was stopped because of transplantation in 29 patients at a mean±SD age of 12.1±4.0 years. Mean Ht SDS was -1.8±0.8 at transplant and there was no change over the following 5 years. In conclusion, treatment with rhGH resulted in improvement in Ht SDS in conservatively managed CRF for up to 3.0 years and for 1 year in children on dialysis. Discontinuation of rhGH after transplantation resulted in little change in Ht SDS

Research Type : Article

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Attatchments :

File Name	Type	Description
X30M381404466271(growth hormone).pdf	pdf	مشاهدة المقالة العلمية كاملة