

Hypotism

Treatment	Replacement therapy
Meds	- levothyroxine -liothyronine -liotrix
(1) levothyroxine	
Features	-drug of choice
Is	Synthetic T4
HI	7 days (given once daily)
Adv	-restore perfect normal fun within 3 weeks
Administration	<u>-given on an empty stomach</u> -starter dose is low, and inc with time
Side effects	(only if given in high doses - hypertsm) -children: restless, insomnia, exagg bone maturation -adults: cardiac problems, tremors, restless, headache, heat intolerance, muscles pain, appetite loss
(2) liothyronine	
Features	Most potent
Is	Synthetic T3
Acting time	Very rapid
HI	Short
Contraind	Cardiac problems
(3) liotrix	
Is	Synthetic combination of T4 & T3 (mimics natural hormone secretion)
Disadv	-expensive -underdevelopment

Myxedema coma

-is	Severe hypotism
Management	-high dose of <u>IV levothyroxine</u> , then low oral daily doses - <u>IV liothyronine</u> can be given for a rapid response, but may cause cardiac toxicity - <u>IV hydrocortisone</u> can be used in adrenal & PG insuff

Hypotism during pregnancy

Doses	Inc 25%
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