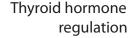
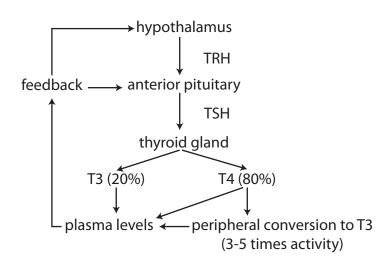
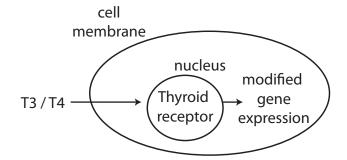
JULY 2008 QUESTION 15

Outline the physiological consequences of hyperthyroidism in an adult.



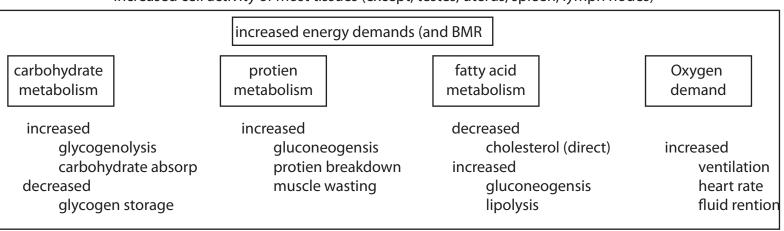


mechanism



functions

increased cell activity of most tissues (except, testes, uterus, spleen, lymph nodes)



physiological effects

Cardiovascular

peripheral vasodilation, increased iontropy (direct and indirect), chronotropy, widened pulse pressure

Respiratory

increased respiratory rate, tidal volume

Neurological

hyper-reflexia, rapid mentation, increased agitation, restlessness, seizures, tremor

Renal

increased water and Na reabsorption (secondary to vasodilation effects)

Other

Christopher Andersen 2012 increased osteoblast activity, gastrointesitnal motility, insulin production