

Restore the balance

Dexamethasone-induced side effects in children with acute lymphoblastic leukemia

1. Clinically relevant neuropsychological side effects of dexamethasone in children with acute lymphoblastic leukemia are decreased by addition of a physiological dose of hydrocortisone in a circadian rhythm. *This thesis*
2. Hydrocortisone addition does not influence the anti-leukemic efficacy of dexamethasone on acute lymphoblastic leukemia cells. *This thesis*
3. Short-term effects of dexamethasone and prednisone on behavior and mood do not differ in children with acute lymphoblastic leukemia. *This thesis*
4. Metabolic toxicity and the changes in energy intake during dexamethasone treatment in children with acute lymphoblastic leukemia emphasize the need for nutritional and behavioral interventions during maintenance phase. *This thesis*
5. Acute lymphoblastic leukemia patients with glucocorticoid hypersensitivity are at increased risk to experience more behavioral and sleeping problems during dexamethasone treatment than patients without glucocorticoid hypersensitivity. *This thesis*
6. As the cure rate for childhood ALL approaches 100%, major challenges will be to identify persons who require less intensive therapy to achieve cure and to refine complex, toxic regimens to incorporate simpler, safer approaches that will result in a high quality of life coupled with long-term survival. *Hunger SP & Mullighan CG. New England Journal of Medicine 2015.*
7. Cancer treatment can cause endocrine toxicities; therefore, oncologists and endocrinologists should be vigilant and work together to optimize patient outcomes. *Adapted from Crowne et al. The Lancet Diabetes & Endocrinology 2015.*
8. The balance in the pharmaceutical market needs to be restored to bring innovative medicines to the market faster at affordable prices. *Adapted from the letter of Edith Schippers, Minister of Health, Welfare and Sport, January 2016.*
9. Coming together is a beginning. Keeping together is progress. Working together is success. *Henry Ford*
10. Practicing a musical instrument is associated with higher performance on cognitive tests of reasoning, processing speed, working memory. *Bergman Nutley et al. Frontiers in Human Neuroscience 2014.*
11. Twenty years from now you will be more disappointed by the things you didn't do than by the ones you did do. So throw off the bowlines, sail away from the safe harbor. Catch the trade winds in your sails. Explore. Dream. Discover. – *Mark Twain*