IMI THIAMINE USE IN AN OUTPATIENT SETTING

Intra-muscular injection (IMI)

Wernicke's encephalopathy:
inflammation affecting the surface of the brain due to vitamin B deficiency, primarily thiamine
(Wikipedia gives an excellent overview)
Search Results

How to identify thiamine deficiency in calves | The Rural, NZ
Mar 12, 2015 - Discover key ways to identifying thiamine or bi

Vitamin B1 Def - South Waikato Veterinary Services
www.swvs.co.nz/South_Waikato_Veterin
Identify the deficiency of thiamine in alcoholic patients. About 30–80% of alcoholic patients are thiamine deficient. Alcohol compromise's thiamine absorption from the gastrointestinal tract. Poor diet, gastrointestinal/malabsorption disorders.

3 clinical criteria: ataxia, confusion, oculomotor abnormalities.
Sadly - Diagnosis often occurs when symptoms are really obvious and damage may be irreversible, very few people will exhibit all three criteria.
Maybe it's so common we think it is normal.
To design a readily repeatable process that can be used in an outpatient setting to assess and treat clients with early signs of WE

Our specialist 5 patient Inpatient detox ward Timatanga Hou routinely offers IMI and high dose oral Thiamine, for all patients presenting with alcohol detox

IMI 200mg for 3 days followed 100mg oral thiamine
- Meets alcohol dependence criteria
- Meets one WE diagnostic criteria
- Metabolic screening
- IMI for three days
WELL, I GUESS IT ALL STARTED WHEN MY MOTHER NAMED ME “EEYORE”.

I MEAN, WHO DOES THAT TO THEIR KID?

EEYORE FINALLY GETS SOME THERAPY
 Re-evaluate 4-6 weeks later, look for differences

 If cognitive function improves would we see changes in
  • Engagement, insight, relapse prevention, other health signs/nutrition/wellbeing

 Can we refine our assessment processes and transfer it to a primary health setting
- Signs of Preclinical Wernicke's Encephalopathy and Thiamine Levels as Predictors of Neuropsychological Deficits in Alcoholism without Korsakoff's Syndrome [https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3055684/]

- Wernicke encephalopathy [https://www.uptodate.com/contents/wernicke-encephalopathy?source=search_result&search=wernicke%20encephalopathy&selectedTitle=1~45]


- EVALUATION OF A CLINICAL SCREENING INSTRUMENT TO IDENTIFY STATES OF THIAMINE DEFICIENCY IN INPATIENTS WITH SEVERE ALCOHOL DEPENDENCE SYNDROME


- Substance misuse and older people – Our Invisible Addicts: [https://www.researchgate.net/publication/239799221]


- Thiamin fortification: [http://www.foodstandards.govt.nz/consumer/nutrition/Pages/Thiamin-fortification-.aspx]

- Outpatient Management of Alcohol Withdrawal Syndrome: [http://www.aafp.org/afp/2013/1101/p589.html#commenting]