

Naturopathic Treatment of Cryptosporidium

Increase CD4 levels

- HERBS
 - Astragalus membranaceus (9-30g/day dried root or 30-60g/day in “severe” cases, 4-8 ml tincture tid)
 - Used as injection in Cancer therapies to increase CD4 T cells after chemotherapy
 - May increase CD4/CD8 ratios
 - Boosts Wei Qi
 - May exacerbate Yin deficiency
 - Lentinus edodes (1-5mg IV each week)
 - By injection increases CD4 T cells in cancer patients.
 - Viscum album (30-60 gtts tincture tid)
 - Increased CD4 T cells in cancer patients
 - Buxus sempervirens (990 mg)
 - European boxwood extract increased CD4 cells and decreased viral load after 6 months of use.
- NUTRITIONAL SUPPLEMENTS
 - Beta Carotene – 150,000IUs/day shown to increase CD4 levels
 - B6 (50mg) given with CoQ10 or alone can increase CD4 individuals who are deficient.
 - CoQ10 (100-300mg) – repletion of deficient CoQ10 increases circulating CD4 cells.
 - Alpha lipoic acid – (600mg) increases CD4/CD8 ratios
- HOMEOPATHY
 - Homeopathic growth hormone was found to increase CD4 cells in an RCT (Brewitt et al.)
- PHYSICAL MEDICINE
 - Massage
 - Sauna treatments
 - Electroacupuncture

Kill the organism

- HERBS
 - Larrea tridentate (10-30 gtts tincture up to qid)
 - Kills organisms (bacteria, yeast, amoeba)
 - May kill HIV
 - Tabebuia spp. (3-7 ml tincture tid)
 - Kills organisms (parasites, bacteria, viruses)
 - Artemisia annua (30-40 gtts tincture tid)
 - Anti-protozoan
 - Echinacea spp (1-5 ml tincture tid)
 - Anti-protozoal (speculative CI with HIV)

- Allicin (Genestra)
 - Contains both Allicin from garlic and Cinnaminaldehyde from Cinnamon.
 - Both antiprotozoal
- Berberine containing plants
 - Berberis vulgaris, Hydrastis Canadensis
 - Berberine is a broad-spectrum antimicrobial/antiprotozoal.
 - Berberis Formula (Genestra)
- NUTRITIONAL SUPPLEMENTS
 - Colostrum - Cryptosporidium given as a specific indication for this product. Contains bovine colostrums, interferons, immunoglobulins and other products that potentially stimulate immunity.

Symptomatic relief

- NUTRITIONAL SUPPLEMENTS
 - Glutamine
 - Improves absorption of electrolytes during diarrhea
 - Health of gastrointestinal cells
 - Electrolyte replacements
 - Probiotics
- TCM
 - Damp Heat in the Large Intestine
 - ST25, ST34, LI11, ST37, LV1, CV3, LV5
 - Huang Lian Su Pian (Coptis Extract Tablet)
 - Gui Ling Gan Lu Yin (Cinnamon and Poria Sweet Dew Decoction)

References:

- Brewitt B, Standish LJ: High dilution growth factors/cytokines: positive immunological, hematological, and clinical effects in HIV/AIDS patients. Eleventh Int Conf AIDS 1996;Abstract TH 4108
- ND Assist – Herbs with anti-protozoal effects and for increasing CD4 levels (dosages from P. Saunders), Products listed as anti-protozoal and to improve CD4 levels.
- MD consult
- Pizzorno, Textbook of Natural Medicine – Chapters on diarrhea, HIV, Cryptosporidium.