

Case study

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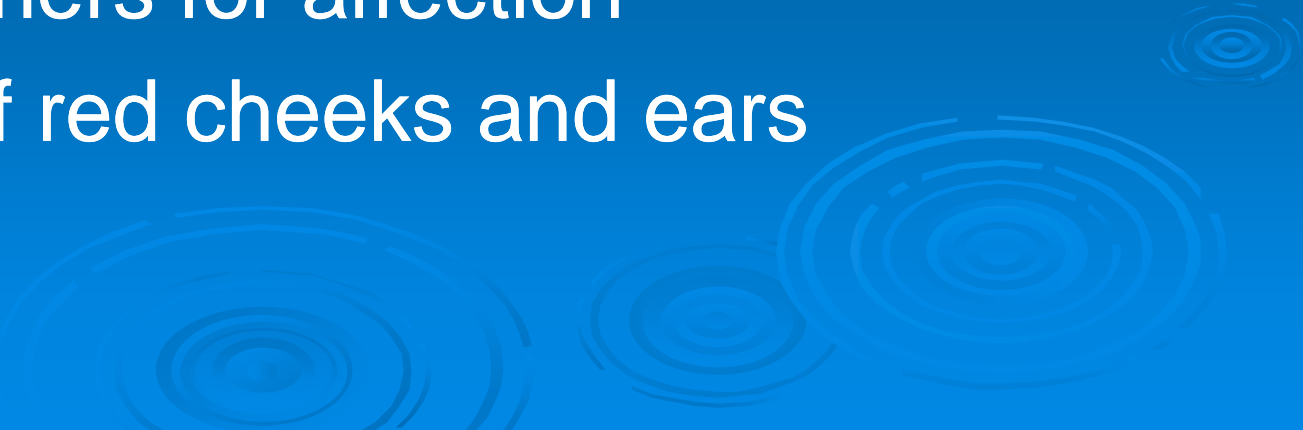
History

- 2 year 4 month old boy
- Autism: Lining up of toys, sorting into shapes
Visual self stimulatory behaviours
- Obsessions with sunglasses & favourite object
- Spacey episodes, red ears and cheeks
- Making humming sounds
- Repetitive behaviours: eg opening and shutting doors and rocking

Intervention

- Caesin and gluten free diet
- CDSA Great Smokies Laboratory


Response

- 4 weeks later massive improvement with speech
 - Started reading books
 - Better eye contact
 - Increased affection
 - Seeking others for affection
 - Absence of red cheeks and ears
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Progress

- Reassessed at developmental clinic
- Noted decrease in autistic symptoms
- Investigations:
 - Copper : 26 (High upper limit 22)
 - Zinc: 11 low range of normal
 - Copper/zinc ratio: 2.36 High
 - Pyrrole test 4.6 (0-10) Negative

Investigations

- Whole Blood histamine 0.1 low
 - Overmethylator
 - Low serum lead level
 - Great Smokie Stool analysis
 - Yeast : candida and Rhodotorula
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Treatment

- Nystatin orally
 - 400,000 IU per day
 - Initial die off
 - Sweaty , dark circles under the eyes
 - Increased understanding
 - Better social interaction
 - Single words emerging
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Treatment

- Pfeiffer MTPPrimer 3
- Zinc picolinate 50mg
- Vit B 6/P5P 50mg
- Vit C 250mg
- Magnesium 22mg
- Manganese 7.5mg

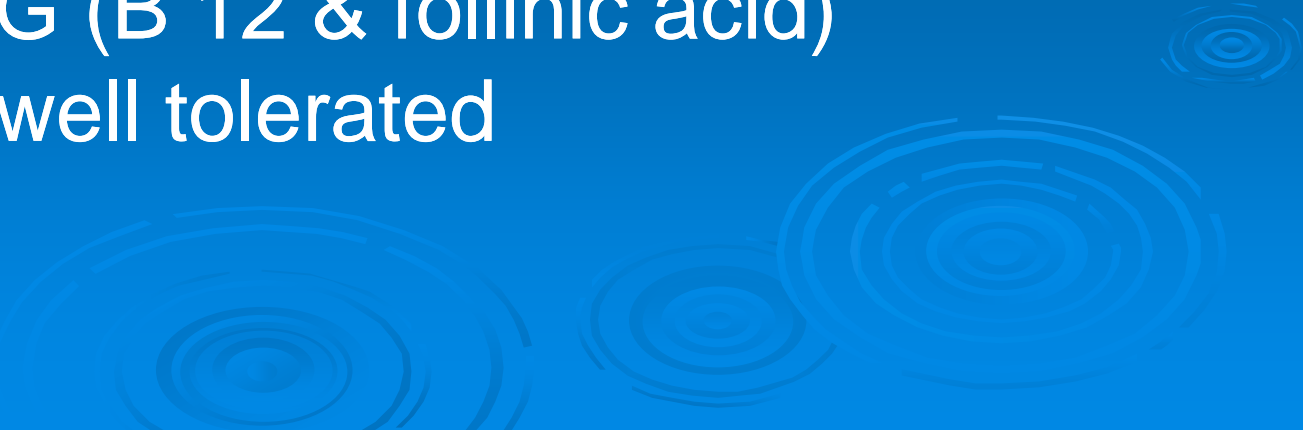
progress

- Improvement on a $\frac{3}{4}$ capsule dose
- Calmer and better language
- DMG 175mg capsules increasing up to 4 capsules daily
- Over methylator Primer (additional Follinic acid)


Progress

- Methyl B 12 (25mg/ml) 1.0mg (0.065mcg/g) subcut into the buttocks every three days
- Worse on Methyl B 12: irritable and aggressive ceased after a few weeks improved after stopping B 12

Progress

- Biokult
 - Caprylic acid 300mg three times a day
 - Improved stools
 - Trial of TMG (B 12 & folic acid) capsules, well tolerated
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Progress

- Irritable cranky, aggressive,
 - increased defiance,
 - increased 'stimming' opening and shutting doors
 - Increased speech up to 3 word sentences
 - Better cognition
 - ? cause
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Progress

- Had been given extra zinc picolinate by another practitioner
- Stopped the zinc and behaviour settled within a few days
- Added the MTPromoter 87.5mg (amino acids from the Pfeiffer clinic to stimulate the MT protein development

Progress

- Chicken pox
 - Improvement after the MTPromoter
 - Improved gross motor function
 - Increased the MTPromoter to one capsule daily
 - Worse on MTPromoter day whingey, whining
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Progress

- Speech improved “ I sad”
- Stopped the MTPromoter for one week
- Added extra zinc picolinate 30mg for one week
- Started Zeolite one daily
- Immediate improvement in participating in group time & better language

Progress

- Repeat copper 20
- Plasma zinc 13
- Kryptopyrrole 25.6!! (0-10)
- Copper zinc ratio 1.53
- Repeat stool test candida
- Dientamoeba fragilis
- Low lactobacillus Low Bifidium bacterium
- Paracea Forte (artemisia, black walnut)


Progress

- Emotional meltdowns (untreated pyrrole disorder)
- Added extra P5P and Vit B 6
- Itraconazole 90mg daily
- Improved stools within 3 days
- Reassessment at Diagnostic centre mild delay with autistic features


Progress

- Regression after finishing the Itraconazole increased obsessions zoning in and out
- Fluconazole 65 mg daily for 3 weeks

Discussion

- Too much zinc too little zinc
 - False negative Pyrrole disorder
 - Treatment of candida
 - Zeolite
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Zeolite

- Formed when volcanic rock meets with saline
 - Aluminium & Silica
 - Clinoptilolite form: (Sheets of honey comb crystals)
 - Negative charged
 - Alkaline
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Zeolite

- 8 and 10 sided rings which trap the heavy metals (Molecular sieve)
- Negative charge attracts the positive charged heavy metals
- Increases excretion of heavy metals in the urine and the faeces.