

Make MethylB12 shots available to India parents

Situation

Dr. S. Jill James (who has recently received a NIH – National Institute of Health – grant for her research) has shown that children with ASD have impaired methylation and decreased levels of glutathione. Supporting and/or repairing the underlying impairment and deficiency translate into **increased social, cognitive and language development**. These MethylB12 shots are not available in India thus many autistic individuals do not have access to this treatment. Not many doctors from India are aware of this treatment and since it's not FDA approved they are not willing to recommend. The only way parents can get these shots is either by researching from various or consulting USA MAPS (autism doctors) online. USA MAPS doctors are expensive thus only wealthy parents can afford. Since 2009 only two doctors from India were recommending MethylB12 shots for autism.

Methyl B12 Injections

B12 (cobalamin) is a vitamin “family” with five unique family members that each do different things. Out of the B12 family, only methyl-B12 has the ability to activate the methionine/homocysteine biochemical pathway directly which results in more “fuel” to the brain. B12 works with folic acid to make all the cells in the body. It plays a key role in methylation. Methylation makes ALL of the cells in our body. It is the process of adding genetic material to cells. After conception, the cells in the womb that will later become the fetus are DEMETHYLATED. The process of development depends on methylation.

Increasing evidence is revealing the role of methylation in the interaction of environmental factors with genetic expression in playing a role in developmental issues like autism and ADHD. Differences in maternal care during the first 6 days of life in a mammal can cause different methylation patterns in some genes. Methylation has also been shown to impact inflammation after a child leaves the womb. We know that autism and ADHD are linked to inflammation. Now we are discovering that inflammation, autism and ADHD are linked to impaired methylation.

Methylation is responsible for:

- RNA and DNA (genetic material responsible for every function in the body)
- Immune system regulation
- Detoxification of heavy metals and other harmful substances
- Making GLUTATHIONE (the body's main detoxification enzyme responsible for removing mercury, lead, cadmium, arsenic, nickel, tin, aluminum and antimony)
- Production and function of proteins
- Regulating inflammation

Source: <http://treatautism.ca/b12-and-methylation/>

Extension Response: What other doctors say?

“Methyl-B12 Therapy Is The Single Most Effective Recovery Tool I Use In Treating Autism”
- Dr. Kurt Woeller

Newly Updated!
Includes Oral & Nasal Methyl-B12!

- ➔ **In one Doctor's Practice, 94% of children were found to respond to methyl-B12 therapy.**
- ➔ **Things like awareness, cognition, appropriateness, eye contact when called, and “just being more like a normal kid.” improved in 90% of the children.**
- ➔ **Speech and language is improved in 80% of children – all phases, including spontaneous language, more complex sentences, increased vocabulary, etc.**
- ➔ **Socialization and Emotion is Improved in 70% of the Children – Initiation and interactive play, understanding and feeling emotions, possibly for the first time or to a much more normal degree.**

In 2009 Akhil Autism Foundation collaborated with Dr Deepak Gupta from Delhi India and sponsored him for very first Biomedical training. Our USA MAPs Dr Karima Hirani decided to do a non profit work by co-signing the MethylB12 shots treatments for India for free. Since 2009 India has first BioMedical MAPs doctor and we were able to provide Methyl12 shots for 900 parents. Methyl cobalamine shots are vitamin shots which are compounded by special pharmacies from USA under a US Doctor Prescription. A doctor has to provide the weight, age and other details. No compounding pharmacy from USA will write a prescription for international patients without any US doctor's prescription by Law. Any US Doctor will not write prescription to international or any parents without consultation. US Doctor consulting fees are from \$300-\$500 per hr. But this was the case before Akhil Autism Foundation now thru our foundation our foundation members our US Panel will write prescription FREE of charge. In 2011 UDAAN joined hands with us and started recommending parents to us. Since then now we have five local India MAPs doctors and parents can either consult them or any Indian local doctor and provide us local current prescription.

Methylb12 shots	Strength	Vial	Cost
Methylcobalamin vials (28 day exp once punctured, can ship up to a 3 mos supply in separate monthly vials) Ships cold	25mg/ml	1ml	\$25
		2ml	\$30
		3ml	\$45

Impacts

Currently we have doctors from India and China collaborated with us for Methylb12 shots. Since 2009 we have seen measureable increase in the parents using these injections for children and seeing some good improvements. In 2009 we started with 9 parents and then till now we have every year 100 parents using methyl b12 shots.

Feedback

Our lives are become easy in accessing Methylb12 shots and its not only for wealthy parents. But still there are many low income parents who cannot afford this treatment and thus would like to help 30 children quarterly with a year treatment.