

Pediatric issues and Homotoxicology

Nocturnal enuresis (Bedwetting)

Bedwetting is a common pediatric problem which poses a psychosocial problem for both children and parents. An estimated 5 to 7 million children in the United States have enuresis. Nocturnal enuresis refers to involuntary passage of urine during sleep. Mostly the cause for enuresis is non-organic, and it is thought to be the result of delayed maturation of the nervous system with poor bladder control at night. Another theory postulates the insufficient production of antidiuretic hormone (ADH) at night. Psychological stressors play no role in the development of bedwetting, but the condition itself may be a psychological stressor for the child.

Protocol

Product	Action	Comment
Plantago-Homaccord	Funciotropic for the bladder	Homaccords in general have supportive action on the organ function. They are almost always added in the treatment of diseases on the right of the inflammatory phase.
Hormeel	Stabilizing hormonal function	Can also be used in boys, including for male acne.
Ovarium compositum (in girls), Testis compositum (in boys) or Hypothalamus suis-Injeel (for either sex)	Experimentally to facilitate brain maturation	Composita and Injeels with glandular extracts should not be used more than three times a week.
Nervoheel or Nereel	Anxiolytic	This is used in children where the anxiety around the condition makes it worse.
Tonico-Heel	Tonic to the brain	Can be used as well to facilitate the inhibitory function of the brain.



Attention Deficit Hyperactivity Disorder (ADHD)

ADHD is often a very difficult diagnosis to make. It is widely believed to be overly diagnosed and medicated. Incidence is reported to be between 1-20% with 7.4% of children in the US being the more accurate definition. Some children only present attention deficit problems, others only hyperactivity, but often a mix of the two is present. The following can help differentiate either condition.

Lack of Concentration

- At least six months with six of the following symptoms:
- Often no attention to details – mistakes during activities
 - Cannot hold concentration during homework and play
 - Apparently doesn't hear what is said to him/her
 - Cannot follow explanations
 - Cannot fulfil homework and tasks of daily living and at school
 - Cannot organize homework and tasks
 - Easily distracted
 - Forgetfulness during day to day living

Hyperactivity

- At least six months with six of the following symptoms: (Severity is not in keeping with the age of the child)
- Frequent fidgeting with hands and feet, cannot sit still on a chair
 - Cannot stay in his or her seat (e.g. at school)
 - Excessive running around or climbing
 - Excessive noise during playing, cannot play quietly
 - Excessive movement which cannot be influenced by social contact or education
 - Excessive talking, often interrupts others
 - Cannot wait for his or her turn
 - Interrupts and often disturbs others during conversations and playing

Protocol

Product	Comment
Selenium-Homaccord	Homaccords support the function of the organ. For this reason Selenium-Homaccord can be used in both senile dementia and ADHD. It is used as a basic remedy in ADHD.
Coenzyme compositum or Ubicoenzyme drops	Cellular activation.
Psorinoheel or Tuberculinum-Injeel forte	Use in children who are daydreaming and who are restless.
Spascupreel	Often effective in children with concentration loss, also with aggression and hyperactivity. It contains Agaricus (which acts on involuntary movements and ticks as well as on being spaced out), Phosphor (indicated for hyperactive and flighty) as well as Belladonna and Veratrum (acts on anger).
Cerebrum compositum	Organ support for the brain.
Neuro-Heel	Add in children with severe disorders.



Vaccination

Apart from the effects of the hygiene hypothesis mentioned in the editorial, vaccination poses other problems. It is postulated that attenuated virus particles can stay in the body for a long time, act as haptens and become incorporated into DNA, which theoretically can lead to cancer and auto-immunity. In terms of the theory of Homotoxicology, it will thus be a cause of progressive vicariation.

Therefore, it is important to do deep cleansing after the event, and also to stimulate the Th1 arm of the immune system.

Detoxification after vaccination

Product	Duration	Comment
Galium-Heel/Galium comp.-Heel	3x/day for 5 days before and after vaccination	Deep detoxification.
Schwef-Heel	3x/day for 5 days before and after vaccination	Cellular activation.
Psorinoheel/Sorinoheel	3x/day for 5 days before and after vaccination	Contains Thuja which is classically used after inoculation.
Engystol	3x/day from day 5 to 10 after vaccination	<i>In vitro</i> evidence shows that it increases IL-1, 6-TNF alpha, thus the Th1 arm of the immune system.*

* Glatthaar-Saalmüller: Personal communication, data not yet published.

Depression

Adolescence is a difficult transition time for most children. The demands the modern world puts on children contributes further to social isolation as well as problems with body image and acceptance.

Studies indicate that one in five children has some sort of mental, behavioral or emotional problem, and that one in ten may have a serious emotional problem. Among adolescents, one in eight may suffer from depression. Among all these children and teens struggling with emotional and behavioral problems, a mere 30% receive any sort of intervention or treatment. The problem may be further perpetuated by the use of certain acne medications such as isotretinoin. Adolescent groups on these medications should be closely watched for symptoms of depression.

Antihomotoxic medicine can offer a safe, gentle alternative in these cases, unless severe intractable disease is present. A recent article in the Lancet examines aberrations in the Hypothalamus-Pituitary-Adrenal (HPA) axis as a possible influence on suicidal behavior. It is thus wise to give some sort of support to this axis in these cases.

Protocol

Product	Comment
Neuro-Heel	This product is good for patients with anxious depression and irrational fears. Can also be used in patients with eating disorders.
Tonico-Heel	This product works better in patients with exhaustion concomitant to the depression.
Thalamus compositum or Hypothalamus suis-Injeel + Glandula suprarenalis suis-Injeel	For support of the HPA axis.
Cerebrum compositum	Organ support for the brain.

General dosage for children

The following dosages may be used for all protocols discussed above.

Age	Normal dosage	Acute dosage
Infants under 12 months	1/3 of the adult dose	4x/day, 1/3 of the adult dose
Small children up to 6 years	1/2 of the adult dose	6x/day, 1/2 of the adult dose
6-12 years	2/3 of the adult dose	8x/day, 2/3 of the adult dose
12 years and older	Adult dose	Adult dose