

iodacif

IODINE, FOLIC ACID & B12 VITAMIN

THE EARLY IODINE SUPPLEMENTATION FOR ATTENTION DEFICIT HYPERACTIVITY DISORDER PREVENTION

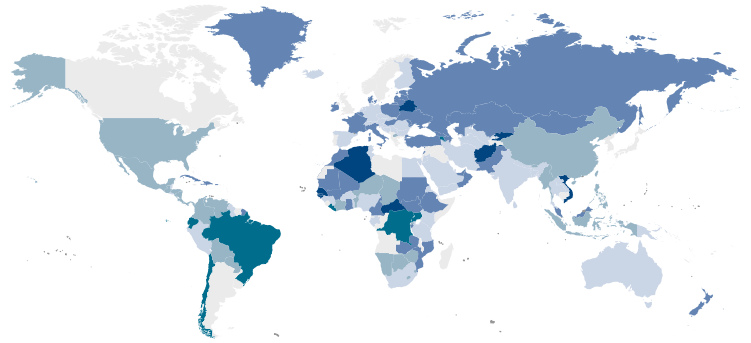
MILD-TO-MODERATE MATERNAL IODINE DEFICIENCY (ID): AN EMERGENT PUBLIC HEALTH ISSUE

ID is one of the **most common micronutrient deficiencies worldwide**.

Degree of public health significance of iodine nutrition based on median urinary iodine: 1993-2006

- Moderate iodine deficiency (20-49 µg/l)
- Mild iodine deficiency (50-99 µg/l)
- Optimal (100-199 µg/l)
- Risk of iodine induced hyperthyroidism (200-299 µg/l)
- Risk of adverse health consequences (>300 µg/l)
- No data

Despite the program of Universal Salt Iodization recommended by WHO in 1993, recent studies demonstrate the current **persistence of mild-to-moderate ID in industrialized countries**.



2/3

of **European countries** having assessed iodine nutrition during pregnancy, have reported inadequate iodine intakes.

ATTENTION DEFICIT HYPERACTIVITY DISORDER (ADHD) IN CHILDREN

ADHD has become a growing concern and nowadays, its worldwide prevalence is estimated **around 7.2% of all children**.



MORE AND MORE STUDIES FOCUS ON THE CORRELATION BETWEEN MILD-TO-MODERATE IODINE DEFICIENCY IN PREGNANCY AND BEHAVIOURAL PROBLEMS IN CHILDHOOD, INCLUDING ADHD.

IODACIF, OUR TAILOR-MADE SOLUTION FOR ADHD PREVENTION



NOTHING MORE, NOTHING LESS: TAILOR-MADE

Iodacif is the one-a-day solution, clinically supported to prevent iodine deficiency and related behavioural problems in children. **Iodacif** contains a **specific combination of active ingredients** provided in adequate doses to comply with international recommendations.



IODINE: ESSENTIAL FOR BRAIN DEVELOPMENT AND PREVENTION OF CHILDREN BEHAVIOURAL PROBLEMS

Iodacif contributes to reduce the **deficiency commonly observed in pregnant women** and meets the need of supplementation programs required by many industrialized countries.



FOLIC ACID: PROTECTION AGAINST NEURAL TUBE DEFECTS

Folic acid has been proven to **prevent 72% of cases of spina bifida and anencephaly** and is **recommended for all women planning pregnancy**.



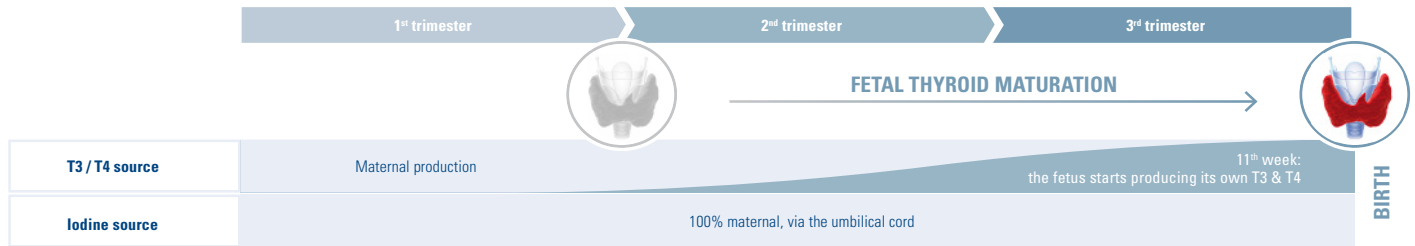
B12 VITAMIN: CENTRAL ROLE IN THE NORMAL NERVOUS FUNCTIONS

B12 vitamin is recognized for its synergic and interdependent action with folic acid and allows its activation in the body.



MATERNAL IODINE NEEDS INCREASE BY > 50% DURING PREGNANCY

Fetal neural development is highly dependent of T3 and T4, two hormones produced by thyroid and mainly composed by iodine molecules. In case of mild-to-moderate maternal iodine deficiency, TSH levels are increased as a stimulatory mechanism for thyroid hormone secretion.

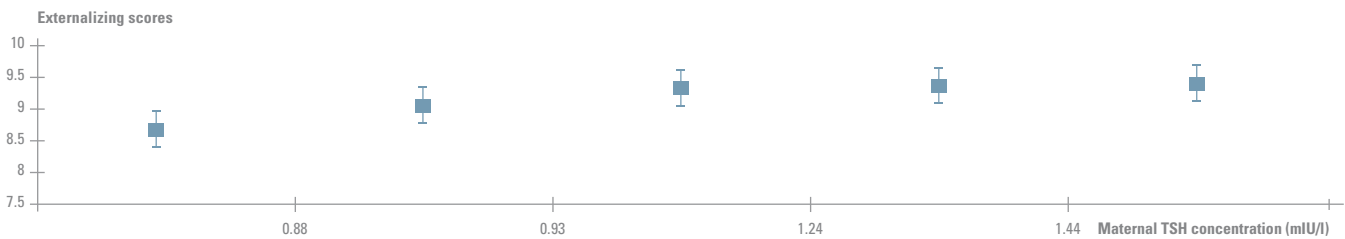


IODACIF, THE CLINICALLY STUDIED SUPPLEMENTATION

MATERNAL TSH CONCENTRATION & ADHD

Prospective population-based study conducted on 3,736 children to investigate the association of maternal thyroid function during the first half of pregnancy with behavioural problems in the offspring up to age 3 yo.

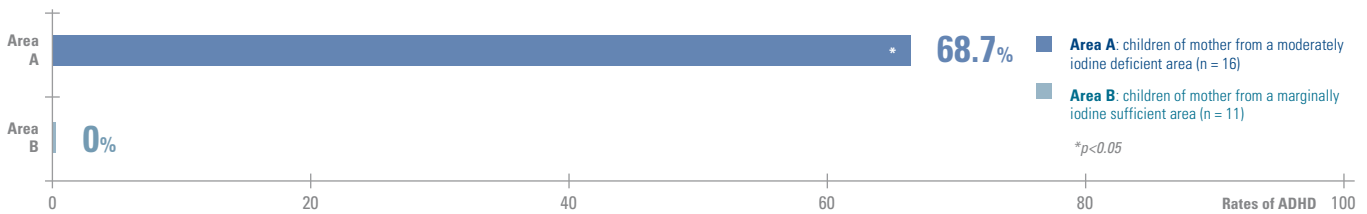
Externalizing score = attention problems & aggressive behaviour



Higher levels of maternal TSH, a marker of iodine deficiency, is linked to more pronounced attention problems & aggressive behaviours in children.

IODINE DEFICIENCY & ADHD

10 years prospective study conducted on 27 children to evaluate the direct causal relationship between mother exposition to iodine deficiency and ADHD.



68.7% of women from iodine deficient area have given birth to ADHD positive children.

TECHNICAL INFORMATION

- **Actives:** Iodine, Folic acid, B12 vitamin
- **Presentation:** 30 tablets in a blister
- **Regulatory:** Food supplement
- **Posology:** 1 tablet / day, 1 month before and at least 3 months after conception

IODACIF, THE EARLY IODINE SUPPLEMENTATION FOR ADHD PREVENTION

- ▶ TAILOR-MADE FORMULA
- ▶ PREVENTION OF IODINE DEFICIENCY DISORDERS
- ▶ FETAL BRAIN DEVELOPMENT
- ▶ ONE-A-DAY SOLUTION



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