## **Osteopathy and nervous system of the child**

Three days’ workshop

Bruno Ducoux DO

“As the twig is bent, the tree inclines” A.T.Still

**Objectives of this workshop**

• Principles of Osteopathy in Pediatrics: Life and Vitality

• The touch and the fields of perception

• Comprehensive care of children

• Know how to make an osteopathic differential diagnosis

• To know the anatomy, the neurological physiology ... from our experiences

• Approach to the nervous systems of the child

• Put in place an effective treatment

• Know how to communicate with a child who does not speak

**Interest of osteopathy in pediatric neurology**

• Nervous system and evolution

• Embryology: "What the body has acquired to survive" P.van den Heed

• Sensory approach before birth

• Embryological forces, keys to knowledge

• Dynamic embryology applied to ectodermal structures

• The normal neurological development of the child

• Mirror neurons

• Sensorimotor development and pain

• Water as the nervous system of the cell

• Reflective approach to treatments

**Program**

• Osteopathic principles adapted to newborns and children according to their anatomical and physiological maturity

• Early sensory information and changing perceptions

• Incidence of cranial compression and birth trauma on the central nervous system

• Importance of child emotional memories throughout life

• Applications to the main reasons for neurological consultations in pediatric osteopathy: sleep problems, dyspraxia, incessant crying (colic); behavior problems; neurological pathologies;problems of tonus; development delays; infections, hyperactivity and attention disorders

**Proposed techniques**

• Self-centering: Rooting and opening

• Subjective perceptions and feelings

• 4 diaphragms

• Ectoderm: practices on the central nervous system: brain stem, thalamus, neuroglia and cerebral hemispheres

• Basicrane and vagus nerves

• The limbic system

• Ortho and para sympathetic regulation in children

• Practice on fluids

**At the end of this workshop, you will be able to:**

• Complete a comprehensive osteopathic examination of a child's neurological system

• Take charge of a baby or a child in first intention

• Follow osteopathic principles from your own experience

• Join the pediatric medical teams

• Participate in the primordial work of prevention in terms of public health

**Bibliographie indicative**

* OSCHMAN J. *Energy medecine* Elsevier 2000
* SHEA M. *Biodynamic craniosacral therapy* 2002
* CONJEAUD B.*Grossesse, hormones et ostéopathie*  2005 Sully
* CARREIRO J. *Une approche de l’enfant en ostéopathie* 2006 Sully
* MOECKEL M. *Textbook of pedia osteopathy*  2008 Elsevier
* LIEM T. et alii B.Ducoux *Osteopatische Behandlung fur Kindern*
* NILSSON L. *A child is born*  DTP paperback 1993

[www.frop.fr](http://www.frop.fr)

n [www.bruno-ducoux.fr](http://www.bruno-ducoux.fr)

.