



TeleCrane

I N N O V A T I O N

Organisme de Formation n° 25 14 016 87 14
Accréditation CNFCO n° 06142709-131/268

Think cranium

Use growth

Treat younger

Welcome to

M-J DESHAYES' summer school on

CRANIAL GROWTH AND ITS IMPACT ON THE FACE: motivations for orthodontists to treat before the age of 6

“Why some class II malocclusions are so difficult to treat?”

“How to prevent a relapse in class III?”

“How to reduce the risk of TMJ disorders?”

This summer school is suitable to medical doctors, dental surgeons, orthodontists, pediatricians....
concerned by craniofacial growth and its implications in dentofacial development.

Wednesday, July 14th to Friday, July 16th 2010 in PARIS

Hôtel CALIFORNIA – 16, rue de Berri – 75008 PARIS

Tél : (33) 1 43 59 93 00

www.hotel-california-paris.com

Registration fee : 1200 €

The registration fee includes coffee breaks and lunches

To get more information contact us

by fax + 33 2 31 85 98 52 or by email ph.deshayes@wanadoo.fr



Dr Marie-Josèphe DESHAYES has been investigating dento-facial disharmonies since 1981, from private practice as an orthodontist in France. By understanding the driving forces specific to each malocclusion, she developed original treatments in lacteal dentition in order to ensure a well-balanced cranial and facial growth. She has been teaching this new perspective on orthodontic treatments since 10 years.

15 avenue de Pont l'Evêque - 14810 MERVILLE FRANCEVILLE – France

www.cranexplo.com



The aim of this workshop: to get a new look at the basicranium
and manage asymmetries before the age of 6...

Wednesday, July the 14th :

The objective of day 1 is to discover the forces within the cranial base that are driving facial development towards specific occlusions. Applying statistics on 3D cephalometrics, we will analyse the ontogenic process of flexion and understand how the maxilla (respectively the mandible) reshaping is controlled by the sphenoidal (occipito-temporal) unit. The occlusal drifts in lacteal dentition are given by the type of combination of these units and their type of remodeling. In addition, facial growth is affected by the development of environmental facial dysfunctions (as breathing, chewing, swallowing), in accordance with the cranial mosaic of bones. By the end of the day, we will review clinical cases (together with the corresponding appliances) to understand how **specific orthopaedic treatments before the age of 6 can (i) stop an excess of basicranial flexion and avoid a Class III malocclusion or (ii) modify the mandibular growth and interfere on Class II malocclusion.**

Thursday, July the 15th :

On day 2, we will consider how an asymmetric reshaping of the basicranium occurs, by exploring ancient skulls of children from the Pacific Coast of Peru with deformations due to artificial head molding. This will lead us to the origin of occlusal asymmetries in the lacteal dentition: how very small anatomical asymmetries may evolve inside the temporal bones and the upper arch. We will then learn several methods to diagnose very small asymmetries in the newborn face and thus forecast the future asymmetric facial growth and predict major TMJ disorders.

Finally, we will establish how to treat such occlusal asymmetries: (1) fitting the upper acrylic plate with sectorial screws, we induce distalisation and/or partial or total lateral shifts. (2) We modify the incline of the upper occlusal plane by unlocking sliding acrylic plates, in order to recover symmetric mandibular displacements during chewing and engage a new symmetric remodeling inside the temporal bones. (3) We center the two arches in a Frankel type apparatus and make sure that the functions of breathing and speech production occur on a symmetric way. **By setting the right orthopaedic treatment before the age of 6, we modify the facial growth asymmetric pattern towards a new symmetric one and recover an optimal TMJ function.**

Friday, July the 16th :

Day 3 will be dedicated to practical discussions and exercises in order to: **learn how** to manipulate Cranexplo[®] software, which analyses the cranial base and predicts the main features of maxillary and mandibular growth, based on cranial landmarks on digital Xrays,

master the 3 methods of identification of asymmetries :

the mandibular displacements in lacteal dentition,

the asymmetry of the temporal axes, tracing landmarks on the external right and left ears,

the asymmetry in lacteal dentition on the sagittal and/or transversal dimension, using a specific grid on the maxillary cast,

design the right appliance for real asymmetric clinical cases.

**Three full days with slide shows,
anatomical investigations on dry skulls, clinical cases,
description of appliances and treatment protocols
in continuous interaction with MJ Deshayes.**



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REGISTRATION FORM

Name

Address

Tel Fax E-mail

Payment : 1200 € (the registration fee includes coffee breaks, lunches and July, 14th dinner)

to be received before June 1st, 2010 by

money transfer to **TCI TELECRANE INNOVATION**

IBAN : FR74 3000 2059 0000 0079 2878 Q75 BIC : CRLYFRPP

credit card :

  Expiry Date

Card Number

Amex Security Code

Cardholders Name

Signature

Send this registration form by fax + 33 2 31 85 98 52 or by email ph.deshayes@wanadoo.fr

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