

*2nd International Congress on*

# Early Onset Scoliosis & Growing Spine

November 7-8, 2008 | Montréal, Québec

ICEOS



- Unique
  - Real international
    - Equal representation
      - Faculty
      - Meeting place
  - Professional, but warm and friendly
  - Not evidence based
    - EMINENCE BASED MEETING

*2nd International Congress on*

# Early Onset Scoliosis & Growing Spine

November 7-8, 2008 | Montréal, Québec

ICEOS



- All-in-one meeting

- Lectures
- Expert opinion
- Free papers
- Case presentation
- Hands-on workshop
- Group discussion
- Fireside discussion
- Wiseman vision



*2nd International Congress on*

# Early Onset Scoliosis & Growing Spine

November 7-8, 2008 | Montréal, Québec

ICEOS



- Future research questions
  - Classification and pathogenesis
    - Can current classification systems recommended for AIS be used for early-onset scoliosis?
    - Do curve patterns in EOS change in time?
  - Spinal growth
    - Is Dimeglio data applicable for all ethnicity?
    - Effects of nutrition, environment, ethnic background, race , et.?
  - Spinal cord problems
    - Is it necessary to operate all split cord malformations before long segment corrective surgery in patients with congenital spinal deformities?

*2nd International Congress on*

# Early Onset Scoliosis & Growing Spine

November 7-8, 2008 | Montréal, Québec

ICEOS



- Future research questions
  - Genetics
    - Prognostic factors
      - Risk for progression of EOS
  - Pulmonary consequences
    - Lengthening of the chest cage vs widening of the chest cage
      - Which is better
    - Relation between the lung compliance and chest cage compliance
  - Sagittal plane
    - Relation with sportive activity of child?
    - Longitudinal study

*2nd International Congress on*

# Early Onset Scoliosis & Growing Spine

November 7-8, 2008 | Montréal, Québec

ICEOS



- Future research questions
  - Long-term effects of posterior surgery
    - Neural element changes at the level instrumented but not fused segments
  - Biologic implications
    - Adjacent segment problems / stress
      - Long fusion vs short fusion
  - Spinal length and pulmonary capacity
    - Short straight spine is better than long crooked spine, but is worst than long straight spine
  - Hemivertebrectomy
    - Single vs. double approach @ long-term fu