Departments of Pediatrics and Children Hospitals definitions

- **Mother-Child Hospital** (model of development in the future)
  - 6% of births justify the proximity of tertiary pediatric structure
  - Obstetricians and neonatologists work together for perinatology

- **Children Hospitals** (sinds 1802)

- **Department of Pediatrics** in general hospitals (including university hospitals)
Challenges for the hospitals at the 21st century

• To add its own complexity
  – Sophisticated technologies
  – Frequently more than ten drugs administrated to the patient
  – Specialisation
  – Time management and time-contraints of actors, quality of syntheses and follow-up
  – Reduction in the length of the hospital stay
  – Rights of patient and legal framework
  – Costs of social security and public health priorities
  – …

• Garantee for the future (financial and of as a reference) and reputation of the hospital
  – Enthusiasm of caregivers
  – Creativity
  – Participation
The well-understood accreditation: a coordinated response to these numerous challenges
(American College of Surgeons 1917)

- "A critical phase of awareness" or accept to compare myself to the others (and sometimes to reassure one another as Talleyrand)
  - A generalized step
    - Evidence-based medicine
    - Responsibility of health professionals
    - Register and analysis of variations in practice
    - Cost-efficiency
    - A mean to promote health quality
  - Independant and voluntary external evaluation by which hospital proves that he satisfies in its practices and its functioning
    - To formalized requirements
Without this culture, aviation could not exist…
« the cockpit of the aircraft »

• Sinds more than 30 years, aviation established a procedure to evaluate the risks « High Reliability Organization »
  – Obligatory and reglementory hours of rest
  – Routine tests and blinded to find illegal substances
  – Declaration of adverse events through a pragmatic approach type « no fault »
  – Rule type « sterile cockpit » under 10000 feets

• The first person affected by the crash is the pilot...

• If there was so many crashes than deaths by medical errors (270/day = 2 X all Boeing747), aviation would cease to exist...

• Thus we need a robust and secure system where actors have means to correct themselves the errors that have been tracking.

<table>
<thead>
<tr>
<th>Civil Aviation</th>
<th>Medical system</th>
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<tbody>
<tr>
<td>Fatigue influences performance</td>
<td>74 %</td>
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<tr>
<td>Personnal problems could influence capacity to work</td>
<td>47 %</td>
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<tr>
<td>One recommends output without hierarchy</td>
<td>94 %</td>
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</tbody>
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Accreditation: a modern and efficient response to individual and collective time management, to share responsibilities

- Structures and people who have been successful
  - organize their time
    - To produce with efficiency
    - To benefit of time on their own
  - Give meaning to their action (individually and collectively)
  - Accept self questioning as natural and necessary
- Importance of leadership
- Structures and people who have been successful
  - Compare themselves to others to improve quality
Specific challenges of Pediatrics and « mother and child » Hospitals

- Everything takes longer time than expected
- Smaller critical mass, higher costs
- Child is deteriorating fast
- His parents want to remain at the bedside
- School and environment
- Growth, pain, nutrition and hygiene
- Prognosis depends all times to the level of education of parents, and especially of the mother (education)
- Necessary space is important
- Humanization in cares is a priority
- Lenght: from 800 g to adolescent
- The challenge of transition, from pediatrics to internal medicine
Implementation: always start and end with the patient

- Create political dynamics between pediatricians and other specialists in childhood
  - Obstetricians (perinatalogy)
  - Transition to adulthood for rare and chronic diseases (pediatricians and physicians for adults are working together with adolescents in the children hospital)
  - General practitioner

- Rightfull place of pediatrics in the society, place of the child in the society
Accreditation: essential to quality of cares but also for scientific research, it takes part of education for future caregivers

- Pediatricians understand the significance of the demarche
- Pharmaceutical research in pediatrics is only beginning
- Pediatrics is a booming sector
- Young people and predominantly women
In Belgium?

- Demarche « Lean » in key sectors of the hospitals (operating room, urgencies, intensive care, neonatal intensive care, ...)
- Accreditation of departments (laboratories, pathology)
- Federal Demarche, regional dimension
- Recognized by actors and directors as a necessity
Leadership-governance-prevention and control and gestion of cares, follow-up, feedback.

JACIE and Canada INTERNATIONAL
Pediatricians must be scheduled to the quality and humanized health cares
Conclusions

• Put patients first in everything we do
• Cultivate the next generation
• Prioritize quality over quantity
• Collaborate as well as innovate
• Anticipate, don’t react
• Be open to good ideas from any source
• Remain independent from outside influence
• Value everyone’s role
• Learn from the past but look to the future