Paediatrics: introduction. Historical data.

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Aim of the present lecture

- To demonstrate:
  - the wonderful nature of this discipline
  - the differences as compared to other medical activities,
  - the usefulness of paediatrics for all medical doctors,
  - Hungarian paediatricians have always been outstanding
Our patients: from birth until the age of 18 years

- Intrauterine life

<table>
<thead>
<tr>
<th>Age Group</th>
<th>Age Range</th>
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<tbody>
<tr>
<td>Newborns</td>
<td>0-6 days, 0-27 days</td>
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<tr>
<td>Infants</td>
<td>1 year</td>
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<tr>
<td>Toddlers</td>
<td>3 years</td>
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<tr>
<td>Nursery-school children</td>
<td>6 years</td>
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<tr>
<td>School children</td>
<td>14 years</td>
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<tr>
<td>Puberty- adolescents</td>
<td>20 years</td>
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</tbody>
</table>
Children in arts

- Literature
- Painting
- Sculpture
- Music
- Theatre, movie
… each adult used to be a child. (However only few of them remember it.)

(Saint- Exupéry)
Terms

- Paediatrics, Pediatrics
- Kinderheilkunde
- Pédiatrie
- Pediatria, medicina della malattie infantili

- pais = child, boy
- iatreia = treatment
Paediatrician

- Own memories
- Everybody has (had) a paediatrician (dentist) (People not necessarily have any gynecologist or psychiatrist!)
- Partners: not only the child, but the whole family and even friends
- Homo ludens
- Preventive attitude
- Close co-operation with other medical disciplines
Not only the paediatrician counts as a specialist…

- Leontina Albina (born: 1925), (San Antonio, Chile)
  59 children, 5 triplets, 2 twins

- Fjodor Vasziljev’s wife (end of the 18. century) (Suja, 241 kilometers east from Moscow)
  69 children, 27 deliveries, 16 twins, 7 triplets, 4 quadruplets

(Guiness records)
Practical usefulness

- Own child(ren)
- Children in the family, in the neighbourhood
- Intended specialists
- Family doctors
Specificities of paediatrics

- Age-dependent physiology, pathophysiology
- Mortality is the highest in the first year of life
- Non-invasive diagnostic methods
- Special diagnostic procedures
- Treatment
- Communication
- Prognosis of diseases
History data (anamnesis) in paediatrics

- Family
- Environment, social
- Maternal, pregnancy
- Delivery
- Newborn period
- Infancy
- Childhood
- Present complaints, disease
Examination of children

• Washing hands (before and after!)
• Total body, unclothed
• Observation (behaviour, look, face, movements, etc.)
• Repeated examination(s), follow-up, contact with the family
• Parents are the best help!
• Outpatient / inpatient
Diagnostic way of thinking

Start with the most frequent diseases, not with the rarities!
Early historical data

- Egypt: Ebers papyrus
- Babilon
- Greek medicine
- First textbook: Razes (Persian), 9th century

Child is not a small adult!!
Children’s hospitals in Europe

- Paris 1802
- St. Petersburgh
- Vienna
- Budapest 1839
Ágoston Schoepf Merei (1805-1858)
The first Children’s Hospital in Pest
The first Children’s Hospital in Pest
János Bókai sen. (1822-1884)
János Bókay jun. (1858-1937)
Firenze, Ospedale degli Innocenti
Andrea della Robbia (1435-1525) maiolica reliefs
A Király a fehér-kereszt-egyetem lelenczházának felavatásán, 1897 szeptember 23-án.
Pál Heim (1875-1929)
Géza Petényi (1889-1965)
Ödön Kerpel-Fronius (1906-1984)