Organisation Scandinavian PICU

Urban Fläring M.D PhD
Department of Pediatric Perioperative Medicine and Intensive Care
Astrid Lindgren Children's Hospital at Karolinska University Hospital
Stockholm
Sweden
Pediatric anaesthesia and intensive care in Scandinavia

<table>
<thead>
<tr>
<th>Country</th>
<th>Numbers of Centres</th>
<th>Inhabitants (millions)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sweden</td>
<td>4</td>
<td>10</td>
</tr>
<tr>
<td>Denmark</td>
<td>4</td>
<td>5.6</td>
</tr>
<tr>
<td>Norway</td>
<td>3</td>
<td>5.4</td>
</tr>
<tr>
<td>Finland</td>
<td>3</td>
<td>5.5</td>
</tr>
<tr>
<td>Iceland</td>
<td>1</td>
<td>0.3</td>
</tr>
</tbody>
</table>

Most common speciality among physicians is anaesthesia and intensive care.
Centralisation of PICU:

- All patients < 3 years with an expected ICU stay > 48 h are transferred to PICU.

- Patients 3-12 years are transferred to PICU on wide indications, especially if the patient have developed multiple organ failure and/or requires CRRT or ECMO.
Centralisation of pediatric anaesthesia

• < 1 years of age
• SAFE tots recommendations: (minimum caseload of 300 children up to 10 years and 12 infants up to 6 months of age)

Regional network (3 in Sweden)

• Especially designed for specialists in hospitals not having a PICU.
• 2 specialists from each hospital (responsible for pediatric anaesthesia and intensive care including teaching colleagues and nurses).
• Practice at a specialist centre 1-2 months/year.
• Meetings 2 times/year.
• Started also for nurses
Few PICU beds in Scandinavia

• Collaboration between centres within and outside the countries.
• ECMO
Referral teams

• Dedicated pediatric referral teams in Sweden and Denmark.

• Neonatal teams in all countries.

• Karolinska University Hospital Stockholm provides ECMO transport.
Scandinavian Society of Anaesthesiology and Intensive Care Medicine (SSAI)

Scientific meetings every 2 years

SSAI-ped: a 24 months program in Pediatric anaesthesia and intensive care.

- 24 months of training in paediatric anaesthesia and intensive care
- 3 months (minimum) of paediatric intensive care medicine
- 1 month of exchange in another country
- 4 theoretical courses
- Assessment of theoretical knowledge
- Academic project
ACTA Anesthesiologica Scandinavica

Nordic scientific journal
Thank you for your attention!