THE ROLE OF OTHER HEALTH-RELATED PROFESSIONALS

C. Pichard (CH)
Role of other allied health related professionals

ESPEN, Copenhaque 2016

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Head, Clinical Nutrition, University Hospital, Geneva, Switzerland
Disclosure of conflict of interest

Financial support as research grants & consulting fees from:

- Abbott
- Aguettant
- Baxter
- B. Braun
- Cosmed
- Fresenius - Kabi
- Nestle Health Sciences
- Novartis
- Danone - Nutricia
- Pfizer
- Solvay
- Shire
- Vifor
Learning objectives:

To appreciate how working with other allied health professions may enhance nutritional therapy
Ageing, Chronic diseases

Obesity

Vegan,

High tec, Acute cares

Migration
Population needs for care

1000 patients

750 : symptoms

250 : consultations

9 : hospitals

0.3 : university hospitals
Population needs for care

1000 patients
750: symptoms
250: consultations
9: hospitals
0.3: university hospitals

Awareness
Guidelines
Global strategy

- Nutrition practice
- Guidelines Education
- Research
- Politics & Ressources
Collaboration in Nutrition
- with the patient and around the patient
Diarrhea
Diarrhoea in the intensive care unit: respective contribution of feeding and antibiotics
Thibault R et al. Crit Care 2013, 17: 153

• 1595 patient days
• Diarrhoea : 14%

Diarrhoea risk factors :
→ EN delivery per se : not a risk factor for diarrhoea
→ EN covering >60% vs. < 60% energy target
  RR 1.75 [1.02-3.01]

→ Antibiotics    RR 3.64 [1.26-10.51]
→ Antifungal drugs    RR 2.79 [1.16-6.70]
The burden of diarrhea in the ICU: A survey and observational study of the caregivers’ opinions and workload


<table>
<thead>
<tr>
<th>Issue</th>
<th>Nurses n=171</th>
<th>Nurse-assistants n=33</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Response rate</strong></td>
<td>75%</td>
<td>73%</td>
</tr>
<tr>
<td><strong>Increasing workload</strong></td>
<td>84%</td>
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</tr>
<tr>
<td><strong>Impact on global fatigue</strong></td>
<td>52%</td>
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The burden of diarrhea in the ICU: A survey and observational study of the caregivers’ opinions and workload


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The burden of diarrhea in the ICU: A survey and observational study of the caregivers' opinions and workload

- time for managing ONE liquid stool: 17 min 33 sec by 1.4 nurses + 0.8 nursing aides
- human resources: 26.60 CHF / liquid stool
The burden of diarrhea in the ICU: A survey and observational study of the caregivers’ opinions and workload

• diarrhea: painful aspect of work (69%) but also as tiredness as main feeling, source of conflict or misunderstanding among caregivers

• time for managing liquid stool: 17 min 33 s, 1.4 nurses + 0.8 nursing aides

  human resources: 26.60 CHF / liquid stool
Clinical relevance of parenteral nutrition prescription and administration in 200 hospitalized patients

<table>
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<tr>
<th>Patient number</th>
<th>% TPN No indication</th>
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<td>Surgery</td>
<td>101</td>
</tr>
<tr>
<td>ICU</td>
<td>72</td>
</tr>
<tr>
<td>Medecine</td>
<td>27</td>
</tr>
<tr>
<td>total</td>
<td>200</td>
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</table>
Clinical relevance of parenteral nutrition prescription and administration in 200 hospitalized patients


<table>
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<tr>
<th>Patients’ number</th>
<th>No Vitamins &amp; Trace elements</th>
<th>Protein &lt;1.2g/kg and Energy &lt;100 or &gt;150% HB</th>
<th>TPN NOT ADAPTED</th>
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24 % 57 % 59 %
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More nutrition courses for nurses

Involvement

57 %

59 %
Oral Nutritive Supplements: Indications, prescription & follow-up for hospitalized and out-patients at nutritional risk or with malnutrition

A quality care programme at the Geneva University Hospital
Screened: n = 653

Included: n = 424

Discharged of hospital: n = 416

Discharged for home: n = 208

ONS: n = 60

ONS at home: n = 51

Home-ONS before admission, n = 82
Refusal of ONS, n = 19
Consciousness disorders, n = 93
Refusal to participate, n = 8
Other, n = 27

Other wards, n = 140
Nursing home, n = 6
Other hospital, n = 23
Death, n = 33
Other, n = 6

No ONS, n = 148
No homecare delivery, n = 9
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- No ONS, n = 148
- No homecare delivery, n = 9

**More collaboration between Hospital services and Homecare services**
A continuum of nutrition care: home - hospital - home

Nutrition in Care Homes and Home Care: how to implement adequate strategies
New vision
Cascade of interactions to promote Optimal Nutrition Care for All
Global strategy

- Nutrition practice
- Politics & Ressources
- Research
- Education