Multiplying knowledge: Dissemination of contents of e-learning courses by course participants

18th International Congress of European Society for Child and Adolescent Psychiatry | June 30th – July 2nd | Vienna

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Objectives
Background

High prevalence of child maltreatment as an individual and societal challenge

Several new measures and legislative amendments in the field of child protection in Germany

Uncertainties among health professionals concerning their rights and duties to act in the field of child protection

Health professionals are important actors in child protection

Project to develop an e-learning programme on child protection in medicine
The Online-Course „Child Protection in Medicine – a Basic Course for all Health Professionals“

- Development of the Online-Course since 2015
- Funded by the German Federal Ministry of Health

- Target Group
  - Physicians
  - Psychotherapists
  - Health care professionals
  - Non-approbated Therapists

Free registration for the course is still possible until 19 March 2020.
https://grundkurs.elearning-kinderschutz.de/
Accompanying evaluation

• The evaluation of the course by the medical graduates shows...
  
  • ...great satisfaction with the contents by the graduates of the course
  • ...relevance of the contents for medical practice.
  • ...offers for training in the topic of child protection are insufficient
  • ...access to training in the topic of child protection must become more flexible
  • ...the most common reason why the course was not completed is a lack of time

Dissemination of the contents

The results of the accompanying research show that the contents of the course should definitely be disseminated, but also that the lack of time is a big problem in further training in medicine.

Dissemination becomes relevant, in addition to the classical transfer of knowledge, in order to address the problem of lack of time.

In this study it has been evaluated in which way the contents of the online course can be disseminated by graduates of the course with colleagues.

The focus was on motivations and possibilities for implementation.

Objective: To impart basic child protection knowledge to as many health professionals as possible.
Methods
Methods

• All graduates of the online course had to evaluate the course in an online questionnaire.

• In addition, semi-structured, guideline-supported telephone interviews were conducted with physicians who successfully completed the course between June and November 2016. (Duration approx. 30 minutes)

• The data were then anonymized, completely transcribed and analyzed by the interpretative-reductive analysis.

• Based on the results of this analyse dissemination materials for the course contents were developed.

• The dissemination materials could be used by every graduate of the course.

• The users were asked to evaluate the dissemination materials by means of an online questionnaire.
Completing of the online-course

Participation in the online course evaluation (mandatory)
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Results
The online-questionnaire

• 63 physicians passed the online-course from June 2016 to November 2016.

• 60.3% (n=38) of them had already disseminated contents or materials of the course.

• The dissemination took place mainly orally and in an informal setting.

• 88% (n=16) of the remaining 25 medical graduates could imagine disseminating the contents or materials of the course in the future.
The Sample of the telephone-interviews

An qualitative interview could be conducted with 25 of the 63 medical graduates.

<table>
<thead>
<tr>
<th>Characteristics of the interviewees</th>
<th>Ø</th>
<th>SD</th>
</tr>
</thead>
<tbody>
<tr>
<td>Age</td>
<td>48</td>
<td>8,6</td>
</tr>
<tr>
<td>Professional experience</td>
<td>15</td>
<td>8,1</td>
</tr>
<tr>
<td>Female</td>
<td>18</td>
<td>72</td>
</tr>
</tbody>
</table>

SD = Standarddeviation
Motivations

Participation in a Dissemination Measure

• Relevance of the topic in everyday professional life
• Dissemination must be integrated into everyday working life
• Gain of knowledge and competence to act
• Continuing Medical Education – Points

For the implementation of a Dissemination Measure

• Relevance of the topic
• Crediting as Working Time / Expense allowance
• Dissemination must be integrated into everyday working life
• Contents of the course must be specially prepared for dissemination
• Prepared dissemination materials
Possibilities of implementation

- Both theoretical methods and practice-oriented approaches are important.
- Practice-oriented approaches should only be applied together with a theory input.
- The possible interactivity among colleagues should be used.
- In-clinic training should be used for dissemination.
- Learning content could also be disseminated via the intranet.
- Child protection expert who is available for questions and support.
- In addition to basic child protection skills, there should be regular refreshments on what has already been learned.
- Regular reminders such as newsletters, notices, circulars can be used.
The Dissemination Materials

• Preparation of materials for the dissemination of the course contents to colleagues for the graduates of the course (dissemination materials)

• Based on the results of the qualitative interviews with graduates of the online course

• **Dissemination materials:** presentations, tasks for group work and instructions for practical exercises.

• Materials contain the contents of the course in edited form, sources for further information on the topic and instructions for the method
### Evaluation of the Dissemination Materials

- 47 graduates of the course have evaluated the materials up to now
- Satisfaction surveyed using a 6-stage Likert scale
  - **Average satisfaction with content**: 5.7
  - **Average methodological satisfaction**: 5.6

<table>
<thead>
<tr>
<th>Evaluation</th>
<th>Ø</th>
<th>Standard-deviation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Participants' satisfaction with the contents of the dissemination materials</td>
<td>5.4</td>
<td>0.6</td>
</tr>
<tr>
<td>Motivation for further training in the field of child protection</td>
<td>5.2</td>
<td>0.9</td>
</tr>
<tr>
<td>Transfer of theoretical knowledge through dissemination</td>
<td>5.6</td>
<td>0.7</td>
</tr>
<tr>
<td>Transfer of practical knowledge through dissemination</td>
<td>5.1</td>
<td>1.0</td>
</tr>
<tr>
<td>Without dissemination materials no contents would have been disseminated</td>
<td>4.5</td>
<td>1.6</td>
</tr>
</tbody>
</table>
Conclusion
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• Need for dissemination measures is given
• Implementation of the graduates' wishes in the preparation of dissemination materials results in great satisfaction among the participants
• Dissemination measures impart theoretical and practical knowledge in child protection
• Dissemination measures would often not have been conducted without the prepared dissemination material
• Even more graduates of the course should be motivated to use the materials and to evaluate them
• The preparation of dissemination materials should also be considered for other topics of child protection
Conclusion

• Do you speak German and are interested in taking part in a course and the associated possibility of disseminating the learning content?
• Free registration for the course is possible until March 19, 2020.
• The course is free of charge and certified with 36 CME points.
• Processing time approx. 30 hours

www.grundkurs.elearning-kinderschutz.de
Thank you for your attention!

Any Questions?