

Report Working Group 2: Evidence-based interventions and intervention design

Leaders: Maria Schubert (leader), Dietmar Ausserhofer (vice leader)
WG members: Dr. Panayiota Andreou, Prof. Christophe Baret, Dr. Helga Bragadóttir, Dr. Luk Bruyneel, Dr. Clare Charvey, Prof. Ruta Ciutien, Ms. Sigal Ezra, Dr. Darja Jarosova, Dr. Marcel Leppee, Prof. Alvisa Palese, Prof. Christian Rochefort, Prof. Renate Stemmer, Mr. Antonio Zamudio

Summarized aims WG2

- 1: To identify theoretically and empirically supported interventions that may prevent rationing of nursing care / care omissions
- 2: Discuss the potential role of technology in decision-making aids, in assisting nursing tasks and to develop ideas about specific products
- 3: To encourage the development of an international research consortium to prepare proposals beyond the lifetime of this Action on the feasibility and testing of new devices.

Work done (Nov 2016-Feb 2017) Grant Period 1

Two work group meetings Skype / Zoom (November 8, 2016, January 17, 2017) were scheduled so far. The work of the working group (WG) was focused in this first grant period on aim 1. For reaching this aim, the WG decided at the first WG meeting to conduct a scoping literature review. As an exchange platform a Dropbox folder was opened, to which each WG member has access.

Literature review aim 1

Based on the content and aspects discussed and decided during the first WG 2 meeting in November 2016 the WG leader prepared for supporting the literature review the document "To identify theoretically and empirically supported interventions that may prevent rationing of nursing care / care omissions Scoping literature review: Procedures and Agreements" in which the databases, search terms and search strategies, inclusion/exclusion as well as data extraction and management are described and defined. The WG members approved the document and agreed to its content.

For the literature review four key terms (rationing, missed nursing care, omitted nursing care, care left undone) and 19 additional search terms e.g. unfinished care, failure to maintain were defined, which were combined with the key terms. A data extraction sheet was constructed, which was also approved by the WG members. Based on the four defined key terms four subgroups (rationing, missed nursing care, omitted nursing care, care left undone) were build. Members of the WG assigned themselves to the subgroup based on their background (research, experience) and preferences of the WG members. In each subgroup, one WG member was assigned as a leader to guide the literature search.

Current status literature review aim 1

Subgroup 1 to 3 finished and subgroup 2 partly finished in accordance with the defined criteria the literature search in the electronic databases and the selection / review of appropriate articles. Subgroup 4 could not finished the literature search and selection so far. In a next step, the grey literature has to be search and evaluated.

Preliminary results

Subgroup 1: Rationing (Christian Rocherfort)

With the defined search terms 650 potential article were found, of which 588 were excluded. Of the remaining 62 articles, 34 articles were assessed for eligibility and afterwards included in the synthesis.

Subgroup 2: Missed nursing care (Helga Bragadóttir)

With defined search terms 239 potential articles were identified, of which 150 were identified as duplicates. Of the remaining 89 articles, 81 articles were assessed for eligibility. The review process of the identified 81 articles is not yet completed.

Subgroup 3: Omitted nursing care (Alvisa Palese)

With defined search terms 507 potential articles were found, of which 263 were duplicates. Of the remaining 244 articles, 53 article were assessed for eligibility. Of this 27 articles were included in the synthesis.

Subgroup 4: Care left undone (Luk Bruyneel)

With defined search terms 82 potential articles were found, of which 56 were duplicates. Of the remaining 26 articles, which were assessed for eligibility, none were identified as eligible.

Current and next steps:

The first results of the literature review, potential overlaps between the subgroup topics and the next steps will be discussed at the next WG meeting in Cyprus. The results are also presented at the related conference. In preparation of the next steps and the further evaluation of the results, the WG leaders currently are linking the preliminary results of the subgroups.

Dr. Maria Schubert, Dr. Dietmar Ausserhofer, February 18, 2017