



PHARMACEUTICAL CARE NETWORK EUROPE

Working Conference 2013 – Abstract

Collaborative pharmaceutical care in research and practice

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The above mentioned participant in the PCNE WC 2013 wishes to submit following abstract for a poster or oral communication. If accepted and presented, the abstract will be published in the International Journal of Clinical Pharmacy. Please make sure the abstract is no longer than 350 words, excl. author-details.

<p>Title:</p> <p>Collaborative development of outcome measures to investigate intermediate medication reviews provided in community pharmacies</p>
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<p>Type of abstract:</p> <p><input checked="" type="checkbox"/> Research <input type="checkbox"/> Practice development <input type="checkbox"/> Practice implementation</p>
<p>Aim of project/study:</p> <p><i>Background:</i> 'Polymedication-Check' [PMC] is a specialised medication review focusing on adherence issues.</p> <p><i>Aim:</i> To develop primary (adherence) and secondary (patient knowledge, beliefs about medicines, handling difficulties) outcome measures to be used in a randomized-controlled trial to investigate the impact of such a cognitive service in Switzerland [NCT01739816].</p>
<p>Method:</p> <p>First, we selected validated questionnaires and we constructed in collaboration with a clinical psychologist a comprehensive in depth patient interview (PI). Second, we tested this drafted PI with pharmacy master students in a role play setting. Students were instructed to answer as a pseudo patient following a fictive patient with polymedication. Third, two master students in clinical psychology were used for the interviews. They were intensively instructed in a session with a pharmacist and a clinical psychologist and they got continuing supervision. Forth, quality</p>

assurance was provided by recording single PI and analysis on exceeding empathy and exhausting of patients or interviewer. Based on these experiences, the follow-up PI was developed with an enlarged expert panel consisting of representatives from pharmacoecconomy and health service research.

Results:

We defined the Beliefs about Medicines Questionnaire (BMQ) and the 8-item Morisky Medication Adherence Scale (MMAS-8) as suitable. In addition, we created questions investigating changes caused by the polymedication check. If possible, we choose closed ended questions, mostly categorical or likert scales. Tests showed the ten-item likert scale as advantageous to a four-item scale. The final PI contains 58 questions, subdivided in "medicines use", "adherence and use of reminder devices", "visits at GP / hospital", "beliefs about medicines", "care provided by pharmacists". PI performed with students as pseudo patients proved feasibility, understanding and suitability to assess adherence issues. Median duration was 27 minutes (range 18 - 40min). Supervision of interviewers and analysis of audiotaped interviews with patients yielded valuable information for the roundtable discussion with multidisciplinary experts and enabled development of an optimised PI for the follow-up after 4 months.

+++ NB: PhD students still pay the early bird fee for their abstract if their abstract is accepted ++++