



## PHARMACEUTICAL CARE NETWORK EUROPE

### Working Conference 2011 – Abstract

Does pharmaceutical care impact on the safety of individual patients?

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The above mentioned participant in the PCNE WC 2009 wishes to submit following abstract for a poster or short oral communication (please type & then fax the form to the secretariat). Max. 350 words.

<b>Title:</b> Is there a higher need for pharmaceutical care for elderly patients? - Incidence of potentially inadequate medication on a Urology ward -
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Type of abstract <input checked="" type="checkbox"/> <b>Research</b> <input type="checkbox"/> Practice development <input type="checkbox"/> Practice implementation
<b>Aim of project/study</b> We intended to implement a pharmaceutical care service on the ward focussing on drug-related problems. Furthermore the special need of pharmaceutical care for the elderly should be shown. For the German market the "PRISCUS list", containing potentially inadequate medications for elderly people, was published by Holt et al. in July 2010 [1].
<b>Method</b> During a three-months pilot pharmacy service at the Department of Urology the medication of 65 elderly patients ( $\geq 65$ years) was analysed. These patients were admitted to the standard care ward. To analyse the incidence of potentially inadequate medications (PIM) the documented medication histories were screened for PIM by the help of the PRISCUS list [1]. We followed the classification of the PRISCUS drugs to categorize the PIM. We differentiated whether the PIM were prescribed before or during the hospital stay.
<b>Result(s)</b> On the average the elderly showed 2.6 drug-related problems per patient. Additionally, 63% of the elderly received at least one potentially inadequate drug. 48% of the drugs had been in the medication history on admission. These results underline the relevance of drug-related problems concerning

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polypharmacy in the older age.

In further studies it is planned to investigate the impact of pharmaceutical care especially for patients of 65 years and older focussing on potentially inadequate medication. The benefit of pharmaceutical care during the hospital stay and the ambulatory setting will be evaluated.

[1] Holt et al., Dtsch Arztebl Int 2010; 107(31–32): 543–51

+++ NB: PhD students get 50 Pound reduction on the conference fee if their abstract is accepted ++++

314 words