



PHARMACEUTICAL CARE NETWORK EUROPE

Working Conference 2013 – Abstract

Collaborative pharmaceutical care in research and practice

Title/Name	Assoc Prof Sinthia Bosnic-Anticevich	Phone	: +61 2 9351 5818
Institute	:University of Sydney	Fax	: +61 2 9351 4391
Street	:Science Road	Skype	:
Postal code + City	:2135		
Country	:Australia	Email address	: Sinthia.bosnic-anticevich@sydney.edu.au

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.

Title Comparing Three Different Forms of interprofessional education on Health Professional Inhaler Technique and Maintenance of Correct Technique.
Author(s) Assoc Prof Sinthia Bosnic-Anticevich ₁ , Margaret Williamson ₂ , Biljana Cvetkovski ₁ , Sofia Mavritsakis ₁ , Pippa Travers-Mason ₂ , Gosia Mendrela ₂ , Dr Erica Sainsbury ₁ , Dr Meg Stuart ₃ , Judith Mackson _{formerly2} , Prof Carol Armour _{1, 1} . <small>The University of Sydney, 2. NPS 3. Australian Catholic University</small>
Type of abstract <input checked="" type="checkbox"/> Research <input type="checkbox"/> Practice development <input type="checkbox"/> Practice implementation
Aim of project/study To compare the effect of three education interventions, on the ability of health professionals (HPs) to achieve and maintain correct inhaler technique (IT).
Method A parallel group, three arm, repeated measure design was used to implement and evaluate three educational interventions: traditional face-to-face workshop(1) (Model 1), online learning module (Model 2) and a collaborative face-to-face workshop(Model 3). HPs' IT was assessed within a fortnight of completing the modules. If HP IT was not correct, the assessor would provide immediate personal training and assessment until correct IT was achieved. HPs then delivered the Collaborations in Asthma Management in the Community (CAMCOM), protocol, involving optimisation of patient's IT over 6 months. HPs IT was then re-assessed.
Result(s) A total of 81 HP (27 GPs, 11 practice nurses and 43 pharmacists) participated in the study (28, 17 and 36 HPs in Models 1, 2, and 3 respectively). There was a statistically significant difference in the mean proportion of HPs with correct technique between Modules 1, 2, and 3 initially (72%, 27.4% and 47.8% respectively, Pearson's Chi-Squared, n=81, p<0.05) and at the 6 month follow-up (57.8%, 44.4% and 25.3% respectively, Pearson's Chi-Squared, n=41, p<0.05).

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