

## **PS2.106**

### **Tailored implementation strategy to improve the management of patients with chronic obstructive pulmonary disease in primary care**

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**Background & Aim:** Chronic obstructive pulmonary disease (COPD) extensively decrease life quality and expectancy. The evaluation of the medical care shows that variety of barriers hinder practitioners from adhering to evidence-based practice guidelines. Tailored implementation of guidelines can be effective, but the effectiveness interventions to improve it is unclear. We aimed to examine the effect of tailored implementation of an fourfold behavioural intervention in of COPD recommendations among primary care practices.

**Method:** Cluster randomized controlled trial was set in 16 general practices at city of Lodz in Poland comparing tailored fourfold program of educational interventions combined with provision of some practice prompts facilitating care, directed at general practitioners with COPD patients under their care, with usual primary care.

**Results:** After 9 months the records of fourfold intervention effects were identified in 1,58% of study group medical records comparing to none in the control group ( $p < 0.0001$ ; ICC=0.007)

**Conclusions:** The recommendations implementation rate was poor, however slightly better in intervention group.

**Competing Interests:** Authors declare no competing interests.

The study was part of TICD EU project funded by the European Union Seventh Framework Programme (FP7/2007-2013) under grant agreement no 258837.