

Submission Id: 6709

Title

Impact of educational activities format, online or in-person, on behavior change in doctors

Priority 1 (Research Category)

Behavioral, psychosocial, and mental illness

Presenters

France Legare, MD, PhD, MSc, CCMF, Georgina Suélène Dofara, MSc, Sam Daniel, MD, Gloria Ayivi-Vinz, Denis Talbot

Abstract

We know little about how the impact of in-person CPD compares to that of online CPD. Objective: We compared the impact of in-person versus online CPD courses on doctors' behavior change. Methods: A first group attended in-person courses. During the COVID-19 pandemic, a second group attended an online version of these courses. Behavioral intention was assessed using CPD-REACTION before and immediately after the courses. Self-reported behavior change was measured six months later. Results: We included the 82 registrants of the in-person courses (mean age: 52 ±10; men: 50%) and the 318 registrants of the online courses (mean age: 49 ±12; men: 63%). On a scale of 1 to 7, mean intention before in-person courses was 5.99 ±1.31 and 6.43 ±0.80 afterwards (average intention gain of 0.44; CI: 0.16-0.74; p=0.003) and mean intention before online courses was 5.53 ±1.62 and 5.98 ±1.40 afterwards (average intention gain of 0.45; CI: 0.30-0.58; p<0.0001). The difference between course formats was not significant (p=0.80). Six months later, among those who had changed their behavior, the intention difference increased significantly (p=0.002) while it did not in the group of those who had not (p=0.223). Conclusion: Behavioral intention of doctors increased after CPD courses, similarly regardless of whether the course format and an increase in intention signals more likelihood of behavior change at six months.

site. All other rights reserved. Contact copyrights@aafp.org for copyright questions and/or permission requests.