

Effectiveness of a COPD Intervention for Primary Care Teams: Educational Outcomes in the CAPTURE COPD Study

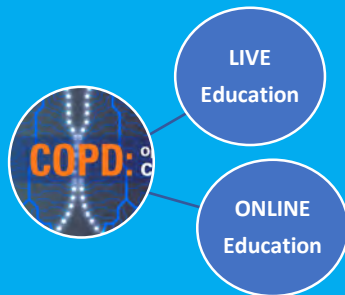
Significant knowledge gains and intent to change practice were achieved after targeted COPD education for primary care healthcare teams.

AUTHORS

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Background: The CAPTURE (COPD Assessment in Primary Care To Identify Undiagnosed Respiratory Disease and Exacerbation Risk) study is validating a simple case finding tool consisting of five questions, and peak flow in selected individuals, to find undiagnosed patients with clinically significant COPD in primary care. CME-certified education supported the aims of the study and provided foundational knowledge to healthcare providers related to the identification and management of COPD in diverse primary care practices in six Primary Care Based Research Networks (PBRNs). The education was also offered to the general healthcare provider community through an online distribution platform.

Methods: Required participation in live education sessions for CAPTURE study PBRN primary care practices featured team viewing of **COPD 101: Basic Diagnosis and Management** followed by a virtual discussion with study investigators. All clinic sites completed a pre-test to gauge baseline knowledge of COPD prior to the education and a post-test to assess learning after the education.



62 primary care clinics received **COPD 101** in live team trainings

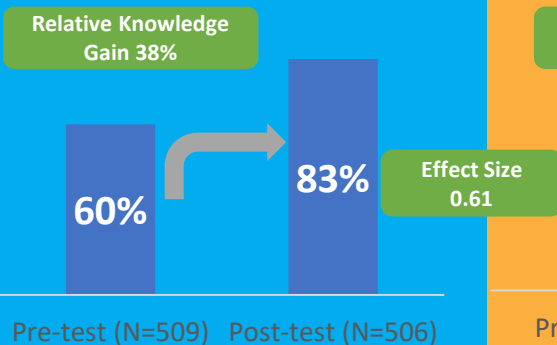
- 616 participants

Online education was available to those who could not attend live team trainings.

97% of live session participants reported that they are somewhat to extremely likely to make changes to their practice based on what they learned

Conclusion: The study identified an educational gap in primary care related to the diagnosis and management of COPD. This study showed that targeted COPD education improved knowledge and more importantly, intent to change practice by employing evidence-based recommendations to appropriately diagnose and manage patients with COPD.

Pre/Post-test: Live Sessions across PBRNs



Pre/Post-test: Online Modules for Healthcare Professionals

