

Online Webinar Series Improves Pulmonologists' and PCPs' Knowledge and Confidence in COPD Management

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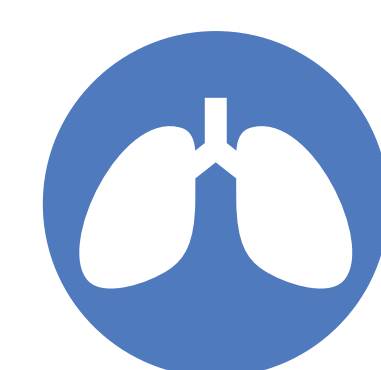
BACKGROUND

Chronic obstructive pulmonary disease (COPD) and worsening COPD remain underrecognized and undertreated in clinical practice, leading to great unmet needs, disparities, and high burden for patients and healthcare systems. Many physicians lack familiarity with the underlying mechanisms of COPD and the role of emerging targeted treatments that have the potential to close current treatment gaps.



METHODS

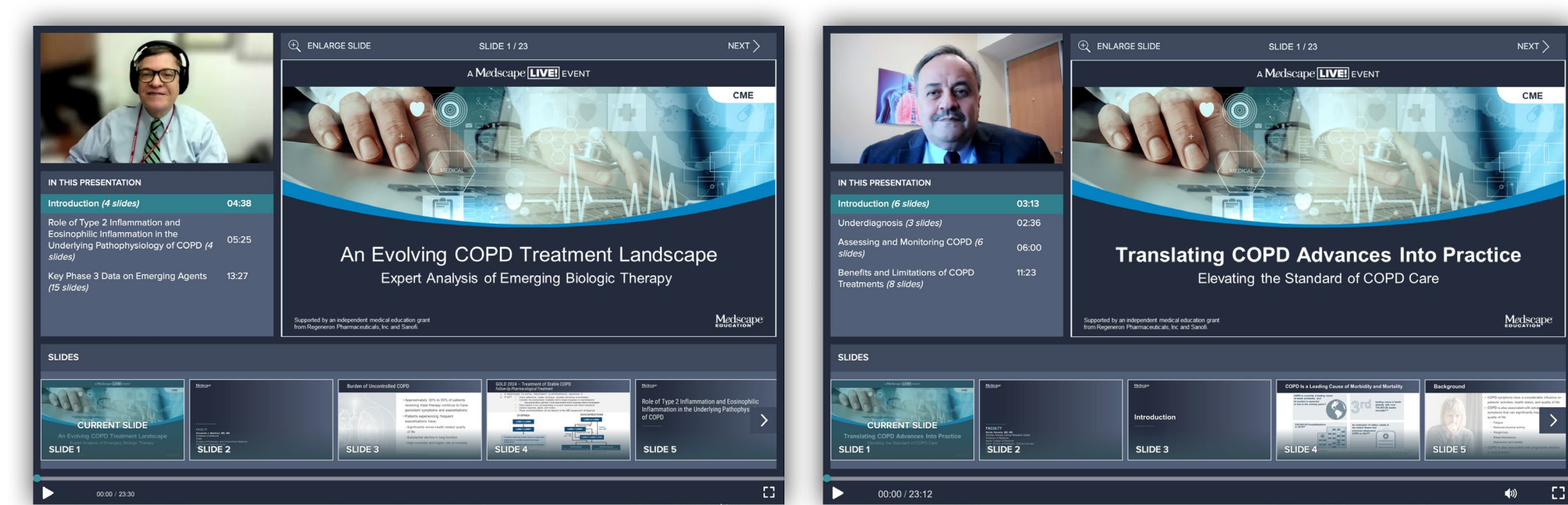
- To address these gaps, a 2-part live CME webinar series was developed, focusing on the role of emerging biologic treatments in COPD management and translating advances in COPD care into practice.
- For each webinar, learners completed a pre- and post-education assessment with 3 multiple choice questions to assess knowledge/competence, and a 5-point Likert scale question to assess confidence.
- Using a repeated pairs design, pre-/post-education responses were compared and a McNemar's test was used to assess statistical significance ($P < .05$).
- Both webinars were launched in February 2024, with data collected through mid-August 2024.



Pulmonologists
(n = 76-94)



Primary Care Physicians (PCPs)
(n = 140-182)



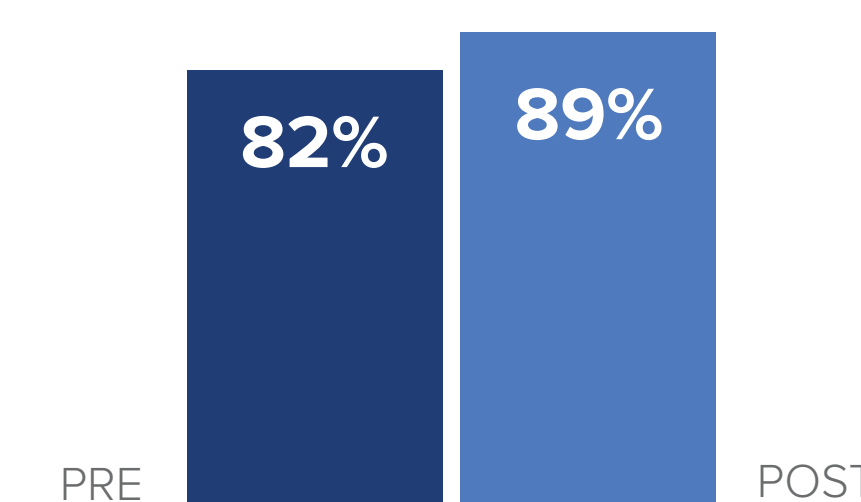
RESULTS

WEBINAR 1

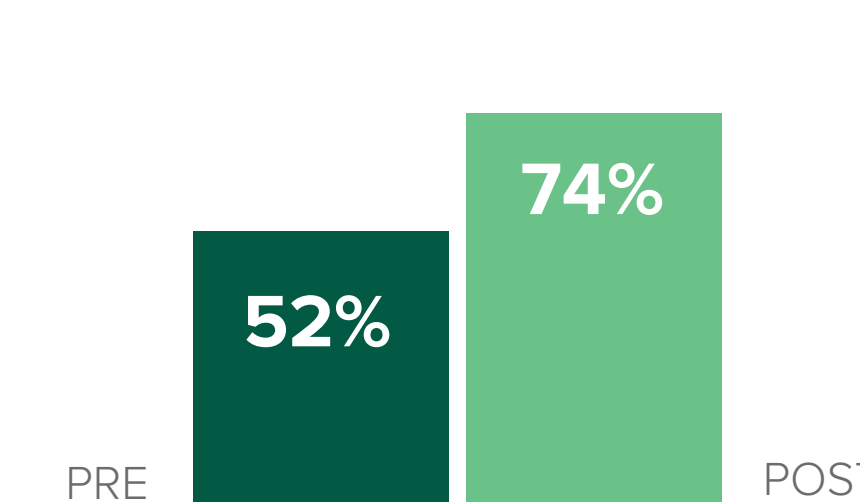
Knowledge regarding the role of type 2 and eosinophilic inflammation in the underlying pathophysiology of COPD

Pulmonologists (n = 76); $P < .05$ ——— **PCPs** (n = 140); $P < .001$

AGGREGATED RESULTS
9%
RELATIVE INCREASE



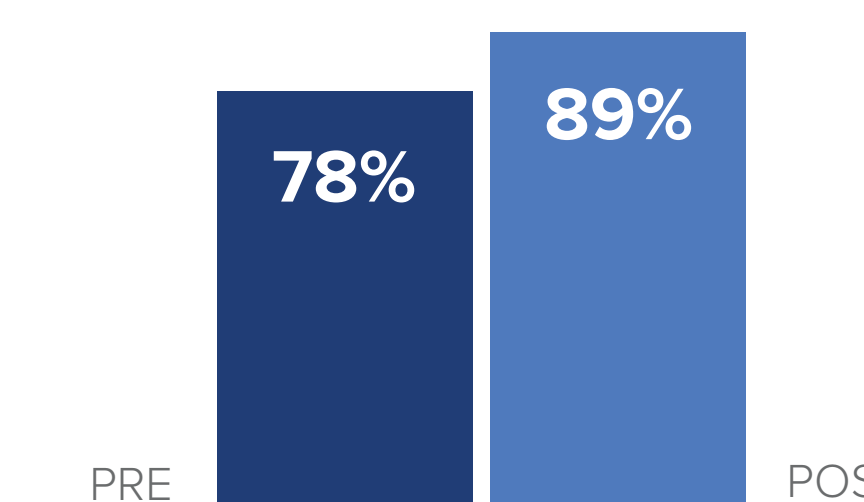
AGGREGATED RESULTS
42%
RELATIVE INCREASE



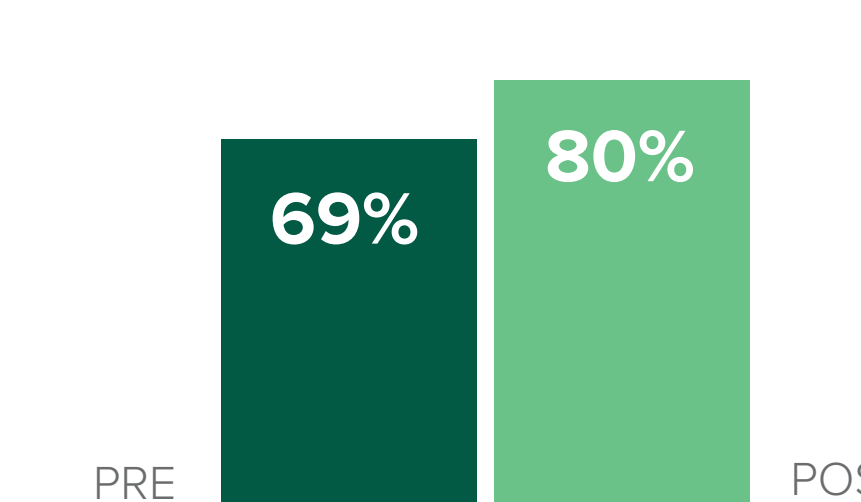
Knowledge of clinical trial data on emerging biologics in COPD

Pulmonologists (n = 76); $P < .001$ ——— **PCPs** (n = 140); $P < .001$

AGGREGATED RESULTS
14%
RELATIVE INCREASE



AGGREGATED RESULTS
59%
RELATIVE INCREASE

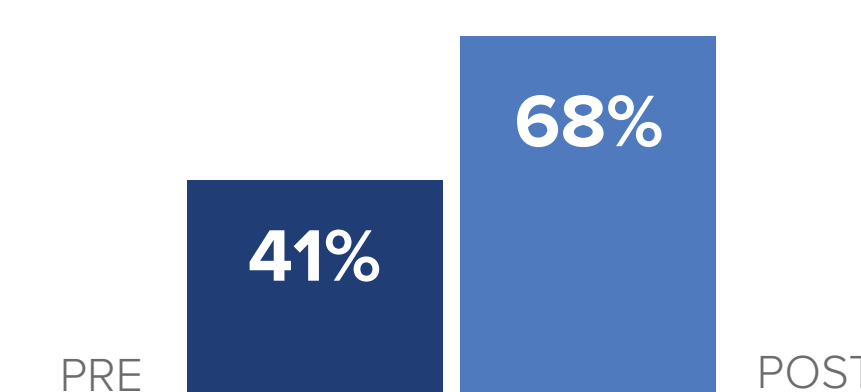


WEBINAR 2

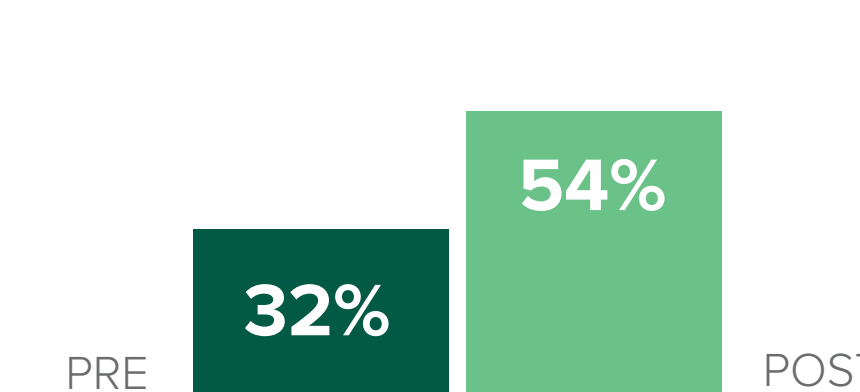
Increased knowledge regarding the unmet medical needs of patients with COPD

Pulmonologists (n = 94); $P < .001$ ——— **PCPs** (n = 182); $P < .001$

AGGREGATED RESULTS
66%
RELATIVE INCREASE



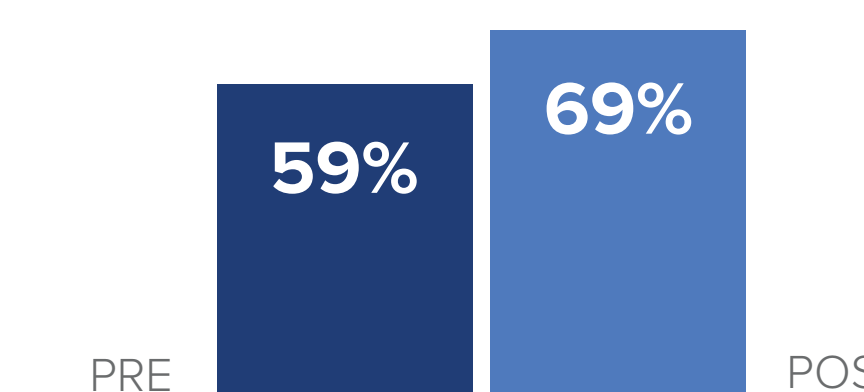
AGGREGATED RESULTS
69%
RELATIVE INCREASE



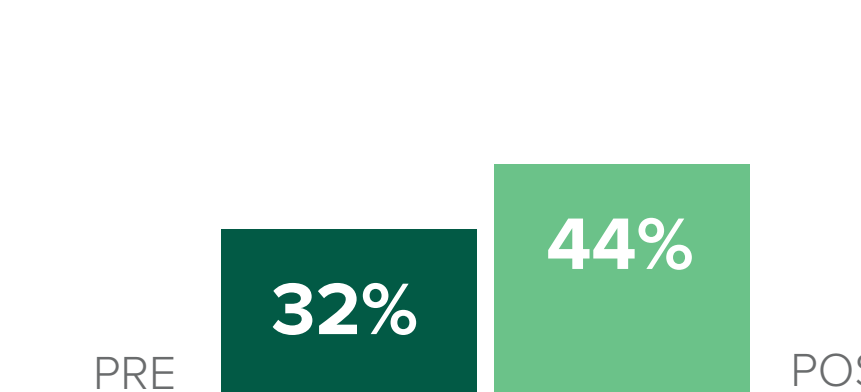
Greater competence related to the clinical assessment of COPD

Pulmonologists (n = 94); $P < .001$ ——— **PCPs** (n = 182); $P < .001$

AGGREGATED RESULTS
17%
RELATIVE INCREASE



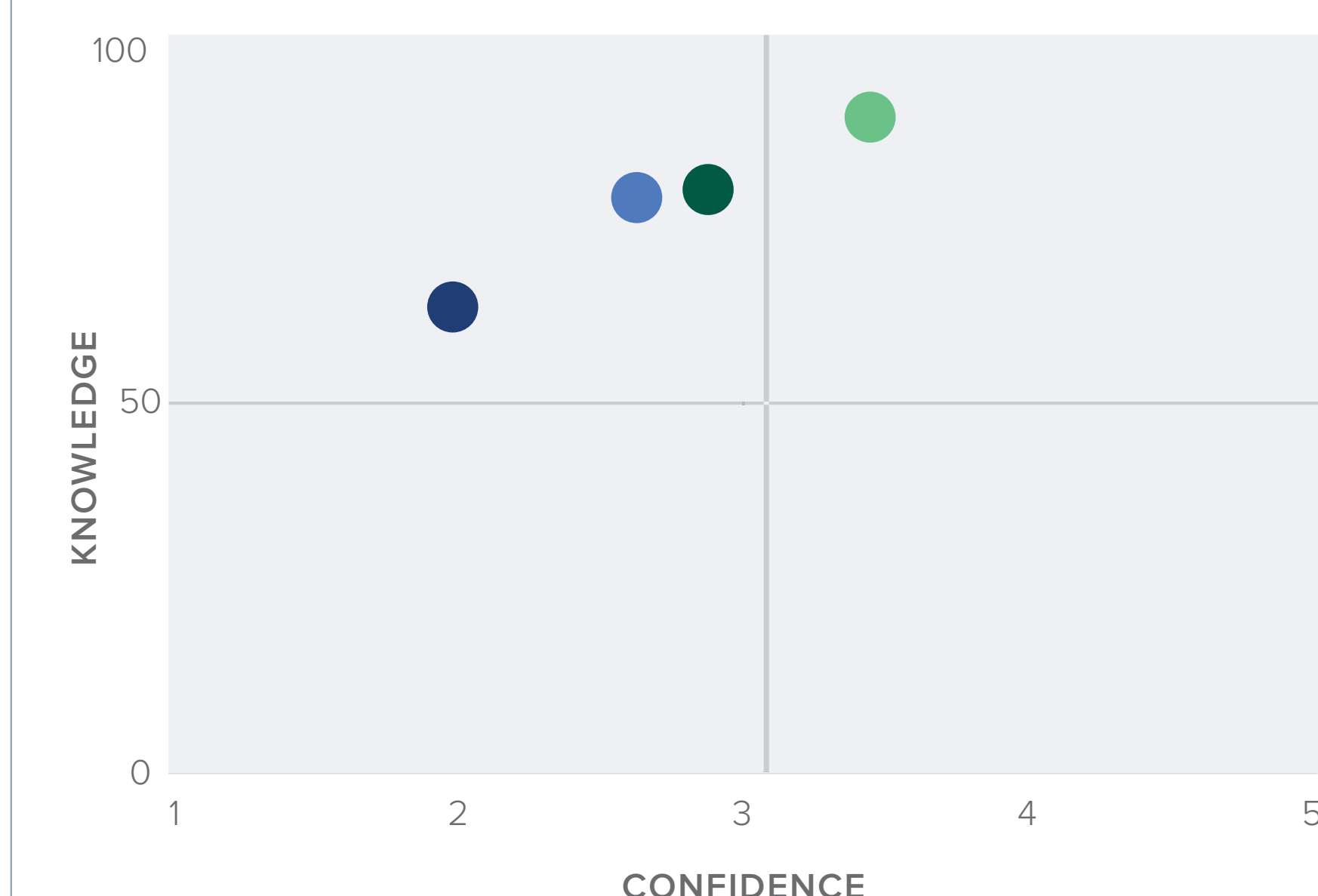
AGGREGATED RESULTS
38%
RELATIVE INCREASE



An increase in confidence related to managing patients with COPD was observed among pulmonologists and PCPs for both webinars.

WEBINAR 1

Pulmonologists (n = 76) ■ PRE ■ POST
PCPs (n = 140) ■ PRE ■ POST



WEBINAR 2

Pulmonologists (n = 94) ■ PRE ■ POST
PCPs (n = 182) ■ PRE ■ POST



CONCLUSIONS

This webinar series was successful in improving the knowledge, competence, and confidence of pulmonologists and PCPs related to COPD management. Additional education is needed to address a lack of familiarity with the role of novel COPD therapies within the current standards of care.

ACKNOWLEDGEMENTS

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