



[Final Outcomes]

Program Overview

The goal of this case-based, multimedia program is to improve the knowledge and competence of pulmonologists, primary care physicians and advanced practice providers in the diagnosis, management (including mitigation of exacerbation risk), and treatment of COPD. The four live webinars and chapterized online activity included interactive video cases, a patient perspective video clip, ARS polling with immediate feedback, and a clinical reference aid to help attendees convert information into practice. Topics included early COPD diagnosis and management, prevention of exacerbations, treatment selection, and strategies to effectively communicate with patients. Innovations for this program include 4 engaging case-based videos for the online and live webinars that visually highlight key issues related to early diagnosis, exacerbation prevention, treatment of COPD, and patient-centered strategies for communication and personalized treatment selection.

Learning Objectives

- Discuss best practice approaches for early diagnosis and management of COPD to prevent and reduce exacerbations.
- Review current and emerging therapeutics in the treatment of COPD.
- Describe patient-centered strategies for creating personalized treatment and management plans for COPD to improve patient adherence.

Co-Chairs/Presenting Faculty



Russell P. Bowler, MD, PhD



Sidney S. Braman, MD, FCCP





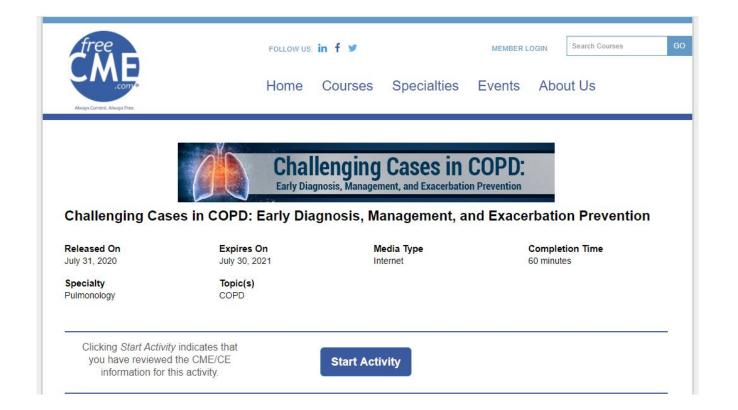




[Online Final Outcomes]

Online Enduring Program: Launched on FreeCME 7/31/2020

https://learning.freecme.com/a/35167PAeEdoo





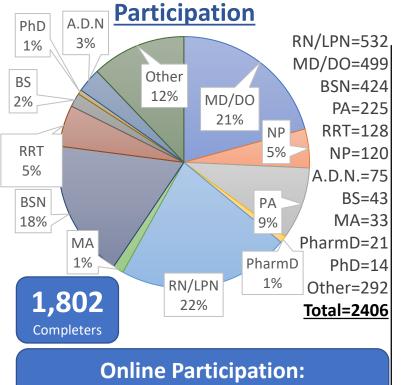




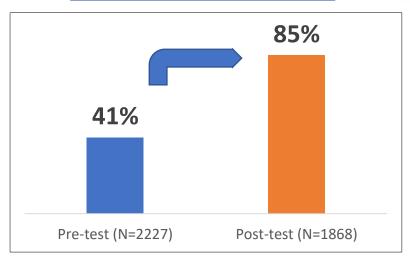




[Online Final Outcomes]



Overall Knowledge Gain



44%absolute gain in knowledge107%relative gain in

knowledge

confidence
27%
absolute gain in confidence

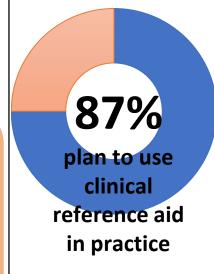
82%

relative gain in

Top 3 Practice Changes

87% (N=1,780) reported they intend to make changes to their practice

- Proper diagnosis, management & treatment
- ✓ Patient education
- ✓ Utilize pulmonary rehabilitation



"Good reinforcement of medical & patient information."

- Online enduring program attendee -

Respiratory Institute







online Participation:

2,406 Learners

Exceeded projected learner reach by 20% and completer reach by 80%

Potential Impact to 601,952 patient visits this year



[Online Final Outcomes]

Qualitative Educational Impact Summary: Online Enduring

Participants

2,406

Total Learners

Who see

11,576

COPD Patients
Weekly

Which translates to

601,952

Potential patient Visits Annually

Educational Impact

121% relative knowledge gain seen from learners regarding best practice approaches for early diagnosis and management of COPD to prevent and reduce exacerbations. [N=1,868]

105% relative knowledge gain seen from learners with regard to reviewing current and emerging therapeutics in the treatment of COPD [N=1,868]

75% relative knowledge gain seen from learners in describing patient-centered strategies for creating personalized treatment and management plans for COPD to improve patient adherence [N=1,868]

Practice Change

92% of evaluation respondents reported the activity improved their ability to treat/manage patients [N=1,780]

64% of learners indicated the activity addressed strategies for overcoming barriers to optimal patient care [N=1,780]

"Great presentation of relevant materials." – Online enduring program attendee



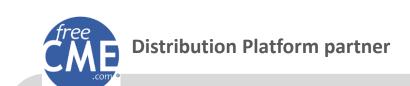






[Online Final Outcomes]

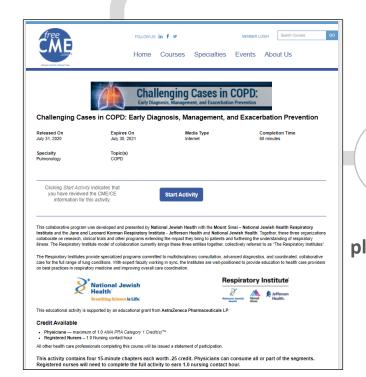
Marketing Strategies – Distribution Partner Marketing



Personalized emails and e-newsletters

Tune in for our podcast on early diagnosis, management, and exacerbation



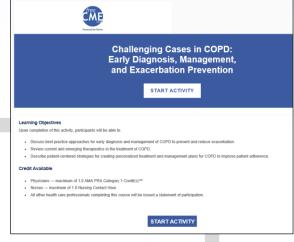


Personalized + Customized Intelligent
Marketing Platform



Banner Social media ads and posts





Search engine optimization

Respiratory Institute







freeCME
September 10, 2020

Join us on September 18th from 1pm EST for a free live CME/CE webinar about COPD!

https://register.gotowebinar.com/rt/2762893908795886859...



REGISTER.GOTOWEBINAR.COM
Challenging Cases in COPD | FreeCME



[Online Final Outcomes]

Marketing Strategies – NJH Marketing













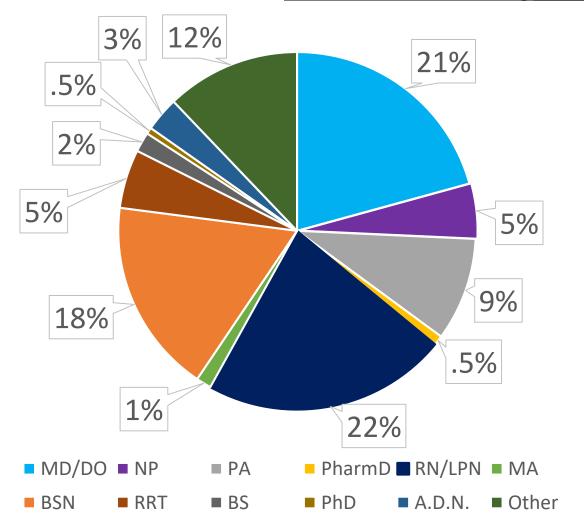






[Online Final Outcomes]

Level 1 Outcomes: Online Enduring: Participation by Degree

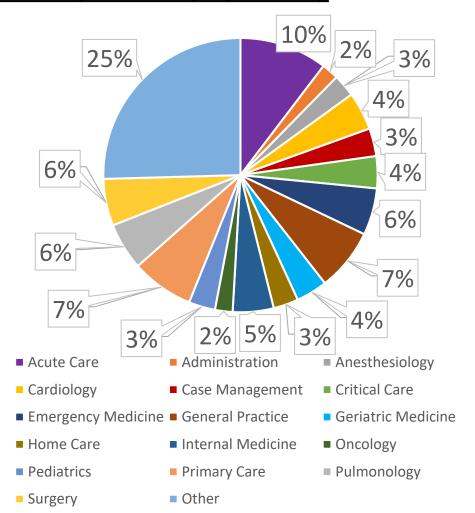


Degree	Total
RN/LPN	532
MD/DO	499
BSN	424
PA	225
RRT	128
NP	120
A.D.N.	75
BS	43
MA	33
PharmD	21
PhD	14
Other	292
	2,406



[Online Final Outcomes]

Level 1 Outcomes: Online Enduring: Participation by Specialty



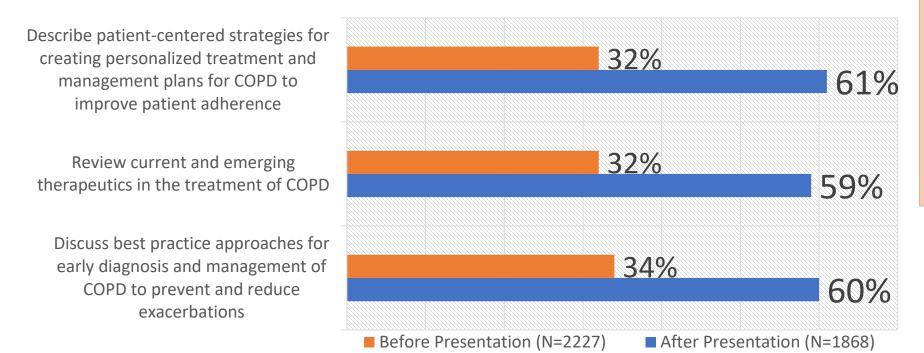
Specialty	Total
Acute Care	249
Primary Care	177
General Practice	177
Pulmonology	134
Surgery	133
Emergency Medicine	133
Internal Medicine	116
Cardiology	108
Critical Care	91
Geriatric Medicine	89
Case Management	79
Pediatrics	75
Home Care	71
Anesthesiology	64
Oncology	50
Administration	48
Other (radiology, infectious disease, gastroenterology, nephrology, psychiatry, pharmacy, allergy and immunology)	612
	2,406



[Online Final Outcomes]

Level 2&3 Outcomes: Learning & Satisfaction – Online Enduring

Learners reported their confidence on the learning objectives before and after the presentation (somewhat confident – very confident)



Relative Gain in Confidence: 82%

Absolute Gain in Confidence: 27%









[Online Final Outcomes]

Level 2&3 Outcomes: Learning & Satisfaction – Online Enduring

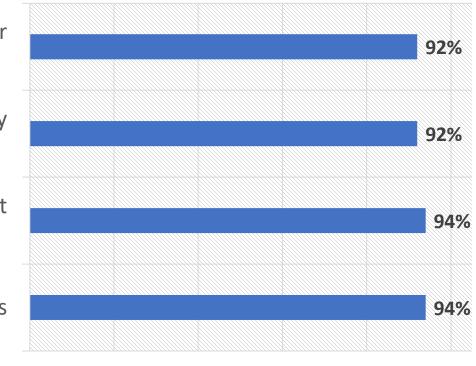
Analysis of participant responses related to educational needs
Participants reported the activity was "Excellent" to "Good" at:

Improving your ability to treat or manage your patients

Addressing topics that were useful for daily practice

Reinforcing and/or improving your current skills

Meeting your educational needs



high levels of satisfaction related to the ability of the activity to impact practical applications

Respiratory Institute





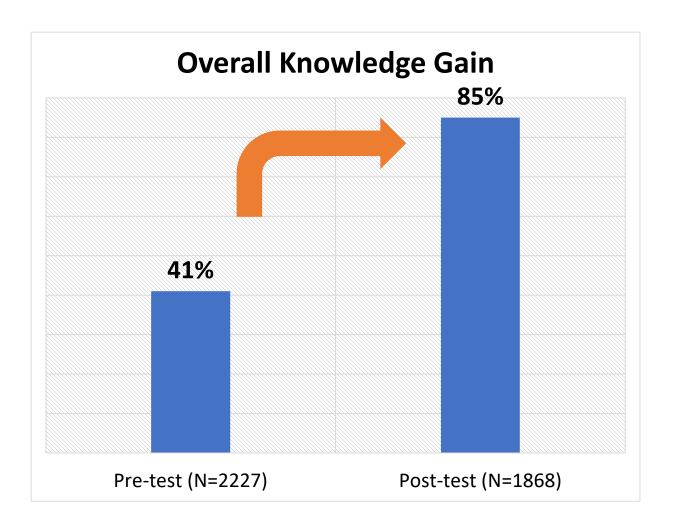


■ Excellent to Good (N=1780)

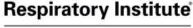


[Online Final Outcomes]

Level 3 Outcomes (Knowledge): Online Enduring: Overall Knowledge Gain



107% Relative Knowledge Gain
44% Absolute Knowledge Gain











[Online Final Outcomes]

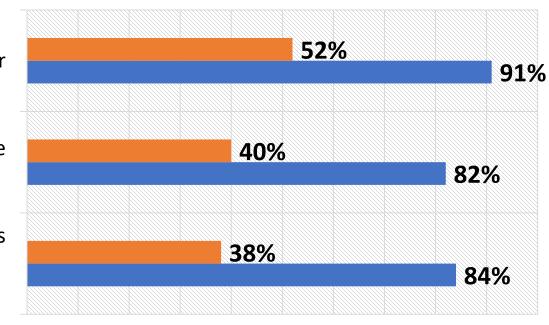
Level 3 Outcomes (Knowledge) - Online Enduring By Learning Objective

Knowledge Gain by Learning Objectives

Describe patient-centered strategies for creating personalized treatment and management plans for COPD to improve patient adherence

Review current and emerging therapeutics in the treatment of COPD

Discuss best practice approaches for early diagnosis and management of COPD to prevent and reduce exacerbations



■ Pre-test (N=2227)

■ Post-test (N=1868)







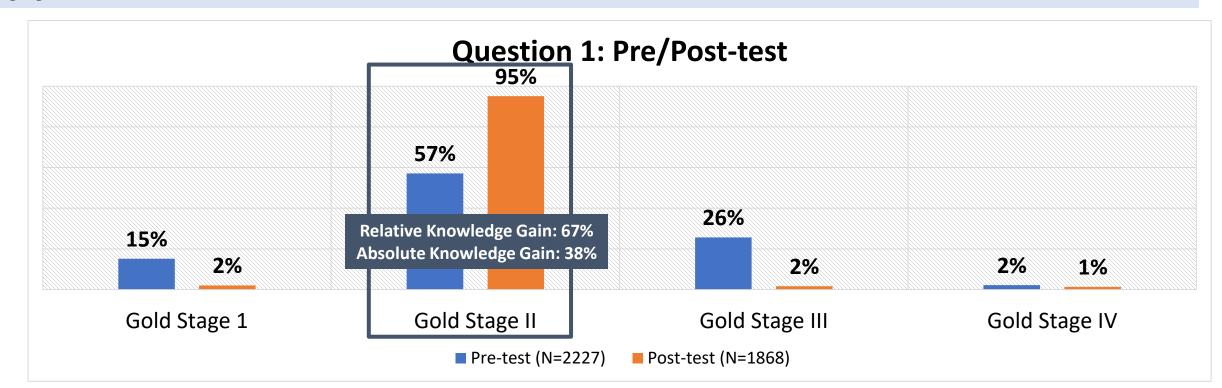


[Online Final Outcomes]

Level 3&4 Outcomes (Knowledge/Competence): Online Enduring: Question 1

Learning Objective: Discuss best practice approaches for early diagnosis and management of COPD to prevent and reduce exacerbations

Question 1: A 60-year-old smoker presented with shortness of breath on exertion. His spirometry findings were pre-bronchodilator 1.23 L (67% predicted) with FEV1/FVC of 59% and post-bronchodilator 1.37 L (75% predicted) with FEV1/FVC of 66%. Using the GOLD criteria for staging COPD, he would be:



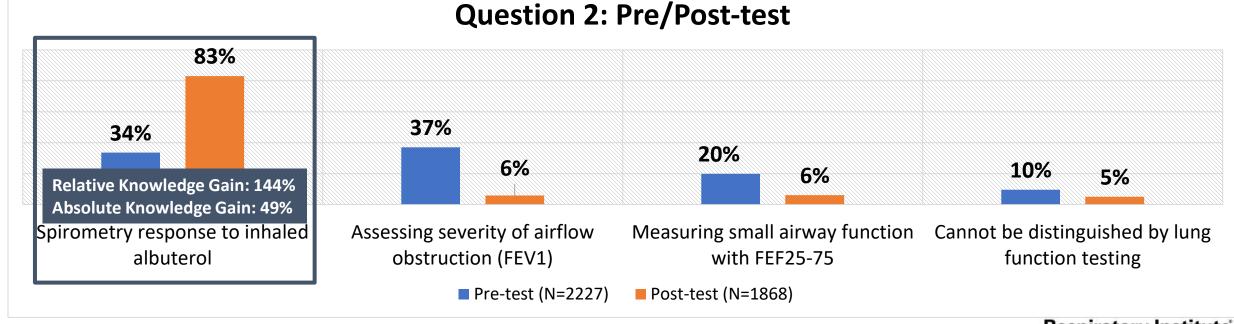


[Online Final Outcomes]

Level 3&4 Outcomes (Knowledge/Competence): Online Enduring: Question 2

Learning Objective: Discuss best practice approaches for early diagnosis and management of COPD to prevent and reduce exacerbations

Question 2: A 55-year-old former heavy smoker presents with a history of shortness of breath and intermittent wheezing that responds to 2 inhalations of albuterol using a MDI device. Using pulmonary function testing, which of the following can be the most helpful in distinguishing whether he has asthma or COPD?









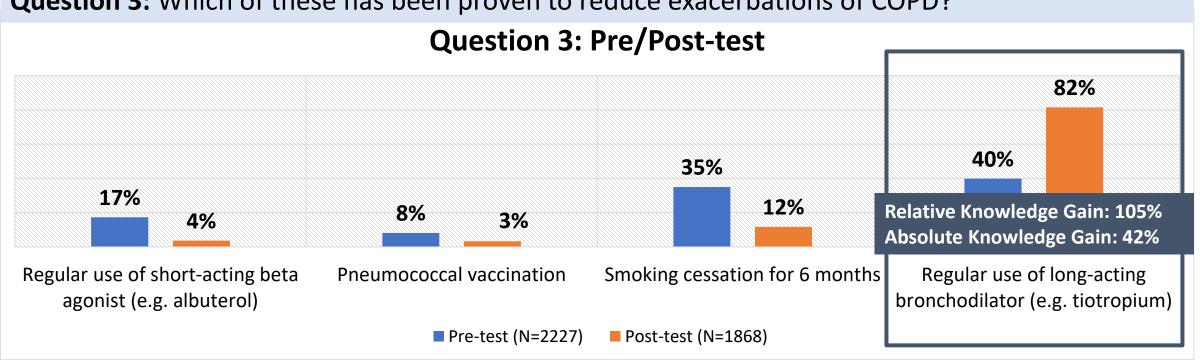


[Online Final Outcomes]

Level 3&4 Outcomes (Knowledge/Competence): Online Enduring: Question 3

Learning Objective: Review current and emerging therapeutics in the treatment of COPD

Question 3: Which of these has been proven to reduce exacerbations of COPD?









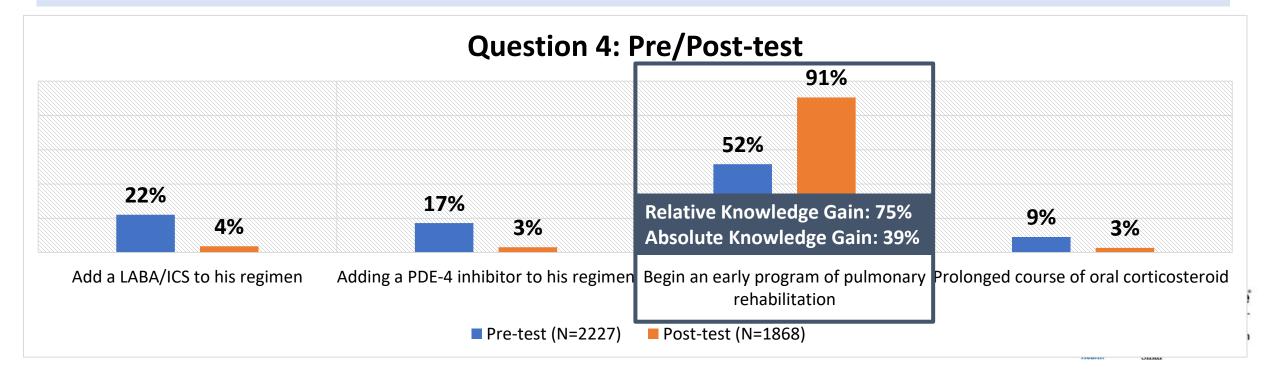


[Online Final Outcomes]

Level 3&4 Outcomes (Knowledge/Competence): Online Enduring: Question 4

Learning Objective: Describe patient-centered strategies for creating personalized treatment and management plans for COPD to improve patient adherence

Question 4: A 60-year-old man has been admitted to the hospital for a COPD exacerbation. Following discharge, which of the following measures has been shown to improve his survival (mortality)?



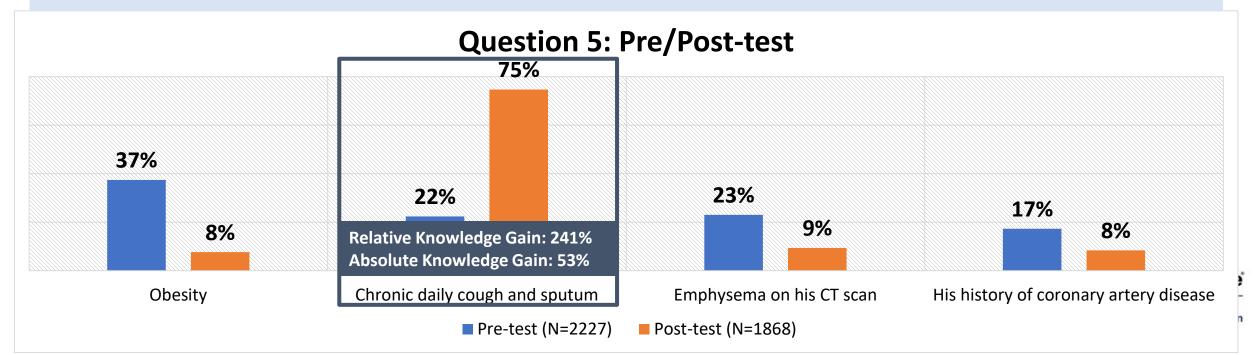


[Online Final Outcomes]

Level 3&4 Outcomes (Knowledge/Competence): Online Enduring: Question 5

Learning Objective: Discuss best practice approaches for early diagnosis and management of COPD to prevent and reduce exacerbations

Question 5: A 55 year old obese man (BMI 35 kg/m2) is smoking 1 pack of cigarettes a day. He admits to chronic daily cough and sputum production. He is GOLD stage II COPD and has previous myocardial infarction. Which of the following puts the patient at most risk for recurrent exacerbations?



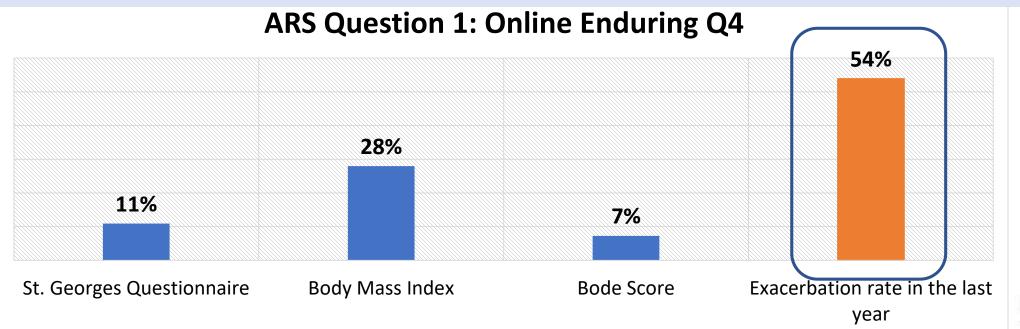


[Online Final Outcomes]

Level 3 Outcomes (Knowledge): Online Enduring: ARS Question 1

Learning Objective: Discuss best practice approaches for early diagnosis and management of COPD to prevent and reduce exacerbations

ARS Question 1: For many years, staging COPD severity relied on lung function measurements such as the FEV1. A new GOLD COPD staging assessment added exercise capacity using the modified Medical Research Council score or COPD assessment test (CAT score) to the assessment. What additional measure is needed to stage COPD using new GOLD criteria?









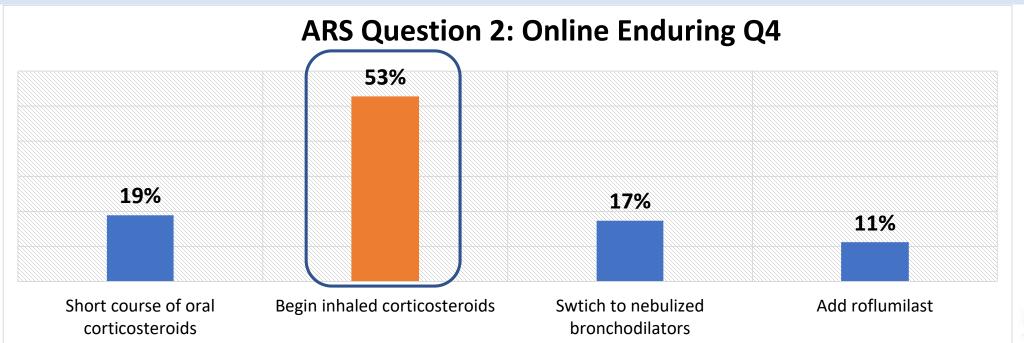


[Online Final Outcomes]

Level 3&4 Outcomes (Knowledge/Competence): Online Enduring: ARS Question 2

Learning Objective: Discuss best practice approaches for early diagnosis and management of COPD to prevent and reduce exacerbations

ARS Question 2: A 60-year-old female executive has been having increasing difficulty with her symptoms of COPD and has an increased frequency of exacerbations (2 exacerbations within the past 6 months). She has advanced COPD and has been using a LABA/LAMA. What additional therapy is suggested in the GOLD Guidelines for this patient?









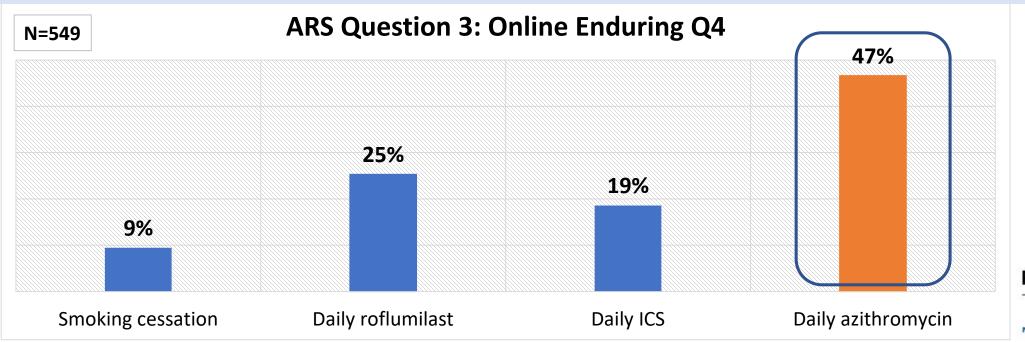


[Online Final Outcomes]

Level 3&4 Outcomes (Knowledge/Competence): Online Enduring: ARS Question 3

Learning Objective: Describe patient-centered strategies for creating personalized treatment and management plans for COPD to improve patient adherence

ARS Question 3: 65 year old man from East Texas with multiple visits to physician for flare ups of breathing problems including frequent prednisone and antibiotics about every 2 months. He continues to smoke 1 ppd and coughs up several tablespoons of sputum every day. He has been taking LAMA/LABA for more than a year. His FEV1 is 43%. His eosinophil count off prednisone is 400 cells/μl. Which of the following is NOT indicated?









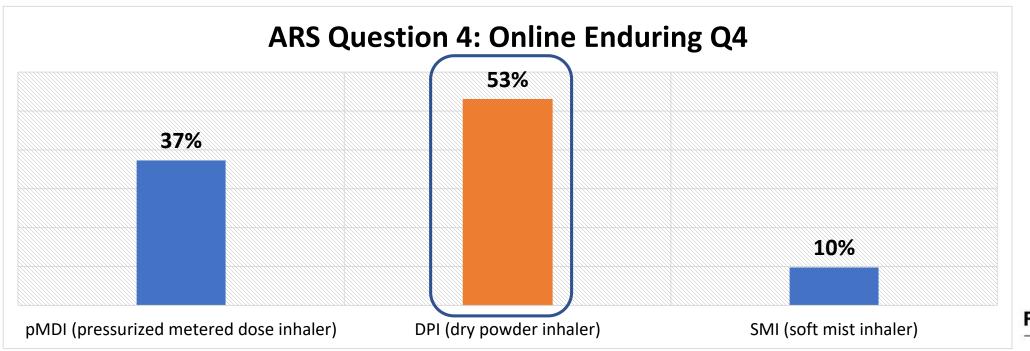


[Online Final Outcomes]

Level 3 Outcomes (Knowledge): Online Enduring: ARS Question 4

Learning Objective: Describe patient-centered strategies for creating personalized treatment and management plans for COPD to improve patient adherence

ARS Question 4: Which of the following inhaler types has the most inspiratory flow resistance?







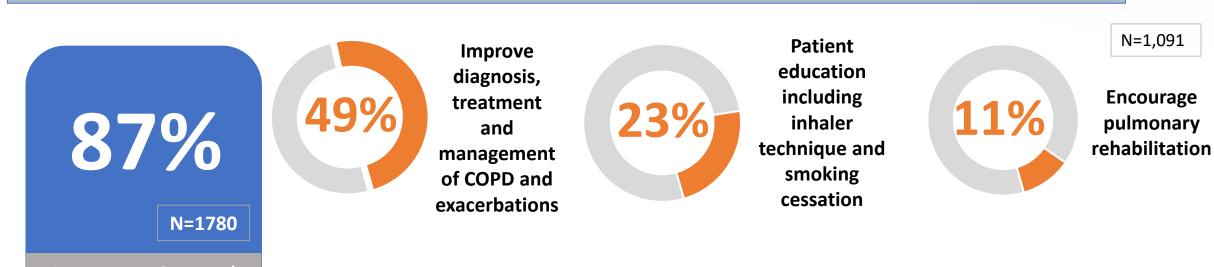




[Online Final Outcomes]

Level 4 Outcomes (Competence): Online Enduring

An analysis of open-ended comments demonstrates the following changes learners intend to make:



to make changes in practice as a result of the activity



Proper use of medications



Refer to pulmonologist



Application of current GOLD guidelines for the treatment of COPD



[Online Final Outcomes]

Program Evaluation: Online Enduring

98%

 Material presented in an objective manner and free of commercial bias

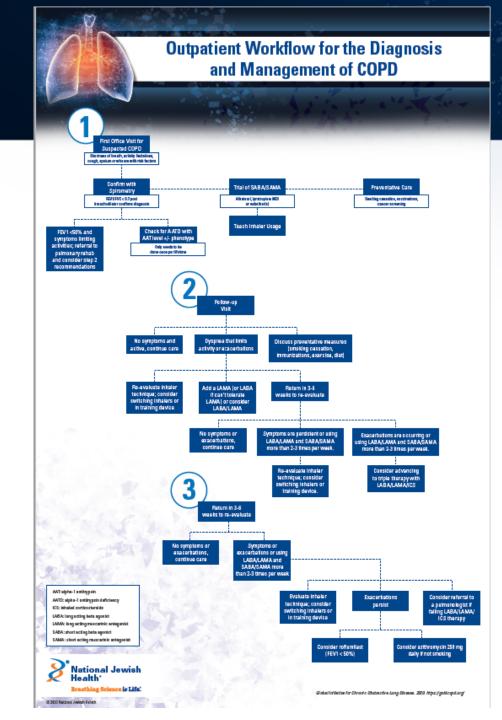
99%

 Content presented was evidence-based and clinically relevant

COPD treatment and management strategies (833 responses) **Early diagnosis** Referral to is key for specialist may positive be needed outcomes (19 responses) (157 responses) Most important take-away **Importance of Importance of** patient pulmonary education such as inhaler rehab technique (63 responses) Proper use of (166 responses) medications (117 Respiratory Institute responses) Jefferson N=1,355



87% of learners indicated they plan to use the clinical reference aid in practice.





[Online Final Outcomes]

Program Evaluation: Online Enduring

What do you think is the primary reason why making a diagnosis of COPD is so difficult?		
Difficult to diagnose early as it is found more when in advanced stage	Presents like other diseases	
Lack of effective diagnostic tools	Lack of ability to perform spirometry and PFT	
Patient adherence and cooperation	Performing spirometry correctly	
Accurate medications and history from patients	Existing comorbidities limit accuracy of lung function tests	
Lack of pulmonologists in the area	Lack of testing available	
Resembles asthma	Lack of awareness of disease	
People having coughs but not addressing them	Lack of interprofessional team support	
Time constraints	Barriers to resources	
COVID-19 pandemic	Fragmented healthcare	





[Online Final Outcomes]

Program Evaluation: <u>Online Enduring</u> Strategies for Overcoming Barriers

- Patient compliance
- Smoking cessation
- Inhaler technique
- Access to care
- Proper nursing assessment
- Consistency of practicing GOLD guidelines
- Recognition and treatment of COPD
- Education material to provide to patients
- Improving patient quality of life
- Communication with patients

64%

N=1780

the activity
addressed strategies
for overcoming
barriers to optimal
patient care









[Online Final Outcomes]

Program Evaluation: Online Enduring

What topics would you like more information about in future educational activities?			
Eosinophilia	Early treatment of COPD		
Emphysema	Differences between asthma and COPD		
Geriatric care	When to initiate pulmonary rehab		
Tuberculosis	Asthma		
Bronchiectasis	Pulmonary rehab		
Upper respiratory tract infection	Interstitial lung disease		
More in-depth inhaler therapies	Further information on prevention of COPD		
More on triple therapy and use of nebulizers	Spirometry interpretation		



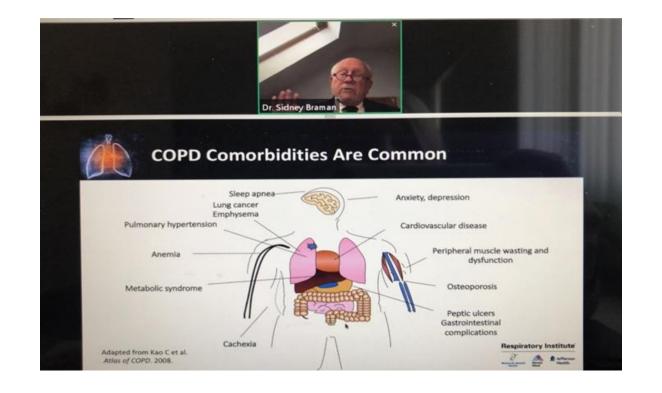






[Live Final Outcomes]

Live Webinar Series 8/31/2020-9/24/2020











Live Webinar Sessions

[Live Final Outcomes]

Faculty Presenters (4) Live Activities



Russell P. Bowler, MD, PhD
Professor of Medicine
Division of Pulmonary, Critical Care and Sleep
Medicine
National Jewish Health
Denver, CO



Sidney S. Braman, MD, FCCP
Professor Emeritus
Division of Pulmonary, Critical Care and Sleep
Medicine
Icahn School of Medicine at Mount Sinai
Mount Sinai-National Jewish
Respiratory Institute
New York, NY

Live Webinar Series

Webinar (1) – targeted to Denver, CO (8/31/2020):

56 Learners

Webinar (2) – targeted to Philadelphia, PA (9/18/2020):

103 Learners

Webinar (3) – targeted to New York, NY (9/21/2020):

41 Learners

Webinar (4) – targeted nationally (9/24/2020):

77 Learners

Total: 277 Learners

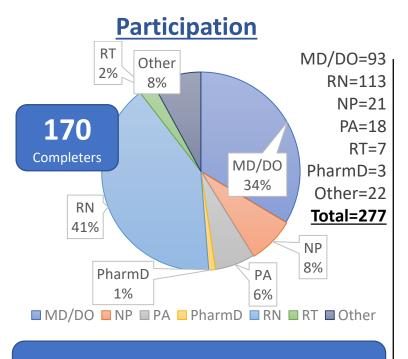




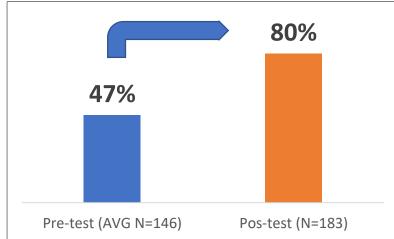




[Live Final Outcomes]



Overall Knowledge Gain



Live Participation: 277 Learners

Exceeded projections by 137 learners

Potential Impact to 53,768 patient visits this year

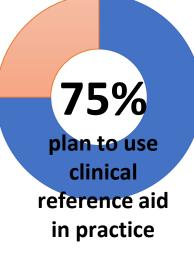
33%absolute gain in knowledge70%relative gain in knowledge

relative gain in confidence
40%
absolute gain in confidence

Top 3 Practice Changes

92% (N=177) reported they intend to make changes to their practice

- ✓ Increased use of spirometry in diagnosis
- Application of current guidelines for COPD
- ✓ Patient education



"The delivery
method was
excellent and felt
so involved like I
was in an inperson setting."
- Live virtual
session attendee -









[Live Final Outcomes]

Qualitative Educational Impact Summary: Live Webinar Sessions

Participants

277

Total Learners

Who see

1,034

COPD Patients
Weekly

Which translates to

53,768

Potential patient Visits Annually

Educational Impact

86% relative knowledge gain seen from learners regarding discussing best practice approaches for early diagnosis and management of COPD to prevent and reduce exacerbations. [N=183]

44% relative knowledge gain seen from learners in regards to reviewing current and emerging therapeutics in the treatment of COPD [N=183]

53% relative knowledge gain seen from learners in describing patient-centered strategies for creating personalized treatment and management plans for COPD to improve patient adherence [N=183]

Practice Change

92% of evaluation respondents reported they intended to make changes to their practice as a result of the educational activity [N=177]

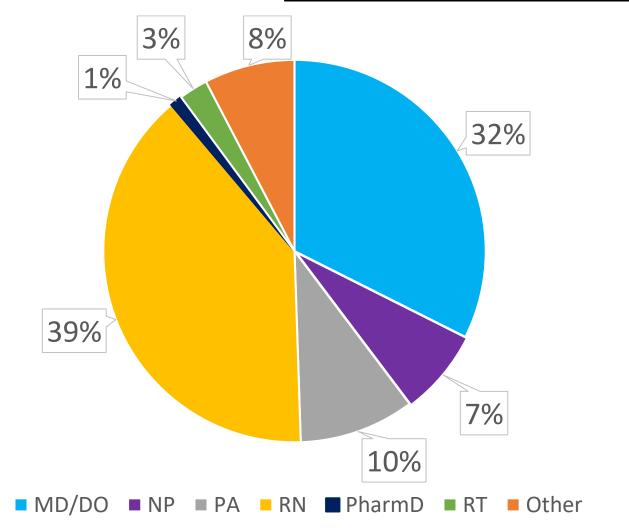
69% of learners indicated the activity addressed strategies for overcoming barriers to optimal patient care [N=177]

"Enjoyed the lecture and the doctors were very knowledgeable and clear to understand." — Live virtual session attendee



Challenging Cases in COPD: Early Diagnosis, Management and Exacerbation Prevention [Live Final Outcomes]

Level 1 Outcomes: Live Webinar Sessions: Participation by Degree

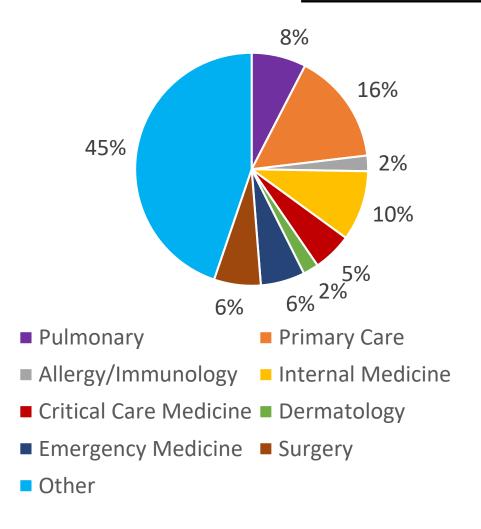


Degree	Total
MD/DO	93
RN	113
NP	21
PA	18
RT	7
PharmD	3
Other	22
	277



Challenging Cases in COPD: Early Diagnosis, Management and Exacerbation Prevention [Live Final Outcomes]

Level 1 Outcomes: Live Webinar Sessions: Participation by Specialty

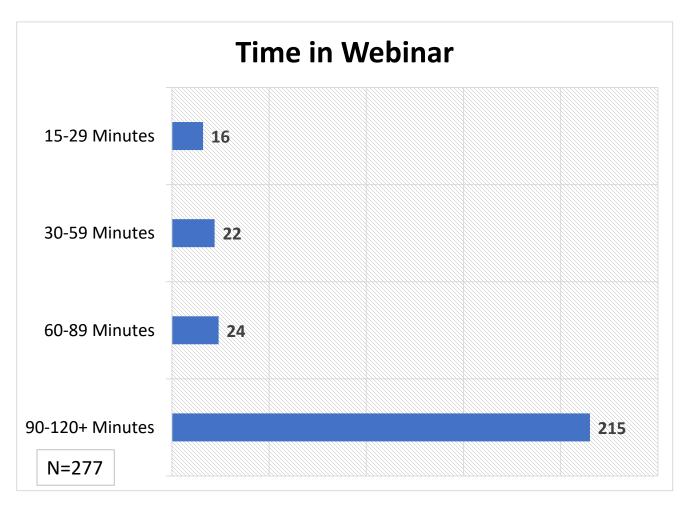


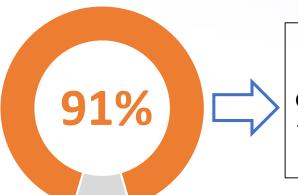
essions, raiticipation by specialty				
Specialty	•	Total		
Primary Care	43			
Internal Medicine	27			
Pulmonary	21			
Surgery	18			
Emergency Medicine	17			
Critical Care Medicine	15			
Allergy/Immunology	6			
Dermatology	6			
Other	124	e'		
	277	in		



Challenging Cases in COPD: Early Diagnosis, Management and Exacerbation Prevention [Live Final Outcomes]

Level 1 Outcomes: Live Webinar Sessions: Participation by Engagement





Interest rating - the percentage of time the GoToWebinar player was the primary tab open on the participant's screen

170 out of 277 learners completed the full two hour webinar77% of Learners stayed on at least 90 minutes



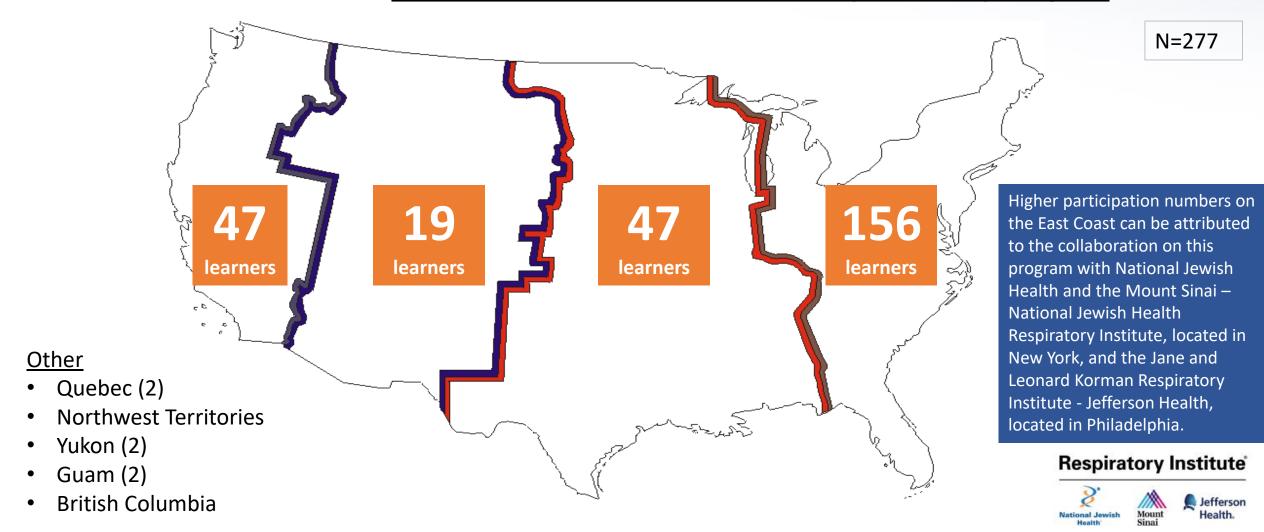






Challenging Cases in COPD: Early Diagnosis, Management and Exacerbation Prevention [Live Final Outcomes]

Level 1 Outcomes: Live Webinar Sessions: Participation by Region

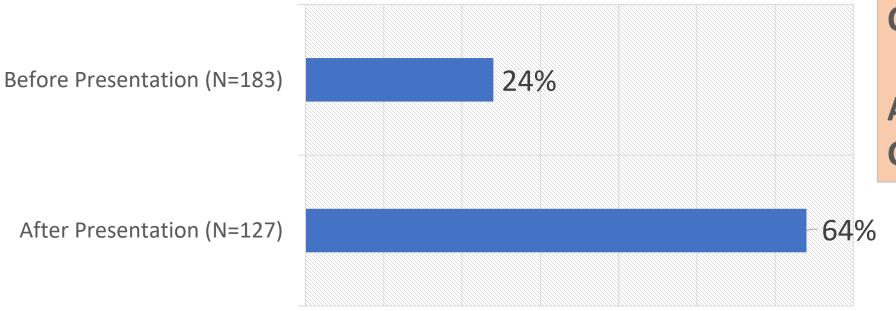




Level 2&3 Outcomes: Learning & Satisfaction - Live Webinar Sessions

Learners reported their confidence on the learning objectives before and after the presentation

(somewhat confident – very confident)



Relative Gain in

Confidence: 167%

Absolute Gain in

Confidence: 40%









Level 2&3 Outcomes: Learning & Satisfaction - Live Webinar Sessions

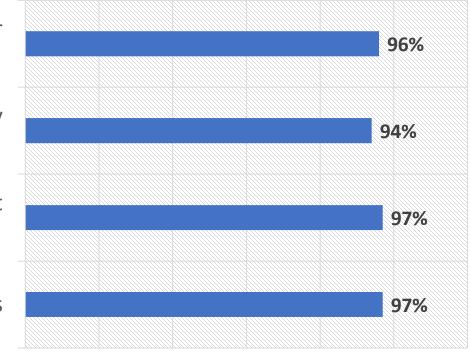
Analysis of participant responses related to educational needs
Participants reported the activity was "Excellent" to "Good" at:

Improving your ability to treat or manage your patients

Addressing topics that were useful for daily practice

Reinforcing and/or improving your current skills

Meeting your educational needs



high levels of satisfaction related to the ability of the activity to impact practical applications

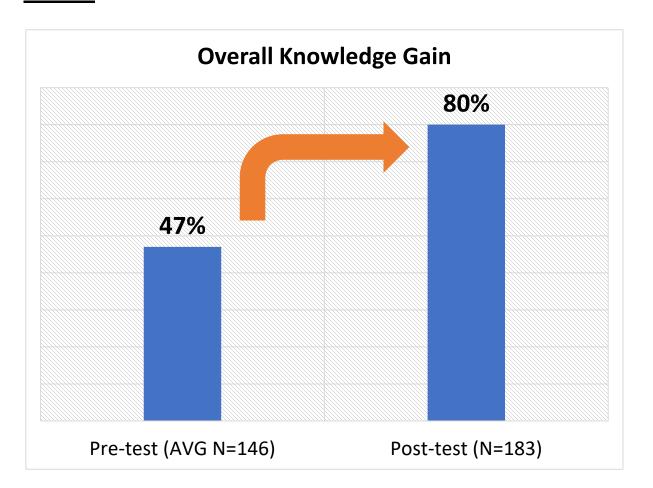






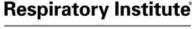


Level 3 Outcomes (Knowledge): <u>Live Webinar Sessions: Overall Knowledge</u> Gain



70% Relative Knowledge Gain

33% Absolute Knowledge Gain











Level 3 Outcomes (Knowledge) - <u>Live Webinar Sessions By Learning Objective</u>

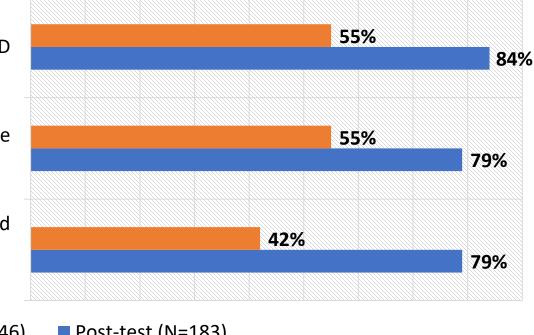
Knowledge Gain by Learning Objectives

Describe patient-centered strategies for creating personalized treatment and management plans for COPD to improve patient adherence

Review current and emerging therapeutics in the treatment of COPD

Discuss best practice approaches for early diagnosis and management of COPD to prevent and reduce exacerbations









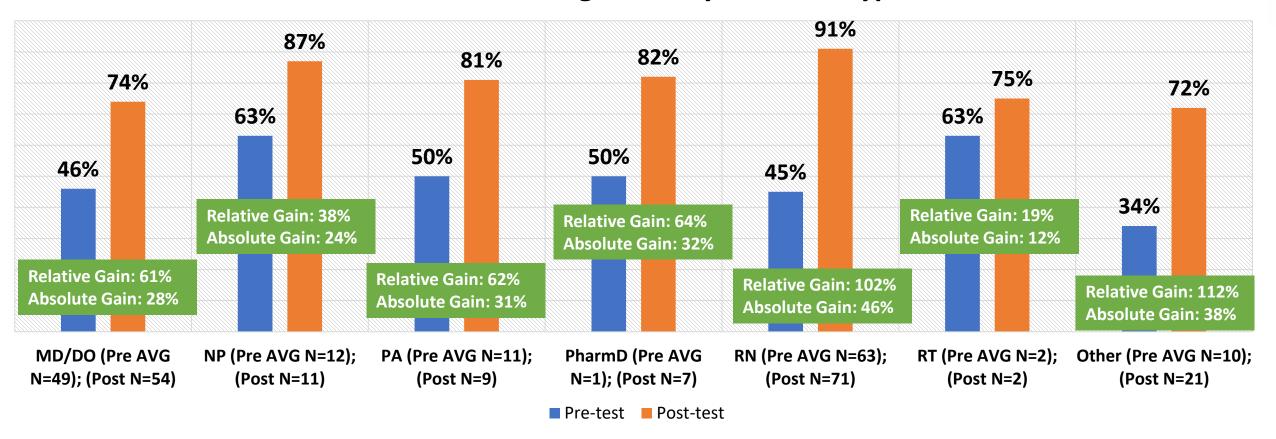






Level 3 Outcomes (Knowledge): Live Webinar Sessions: Overall Knowledge Gain

Overall Knowledge Gain by Provider Type



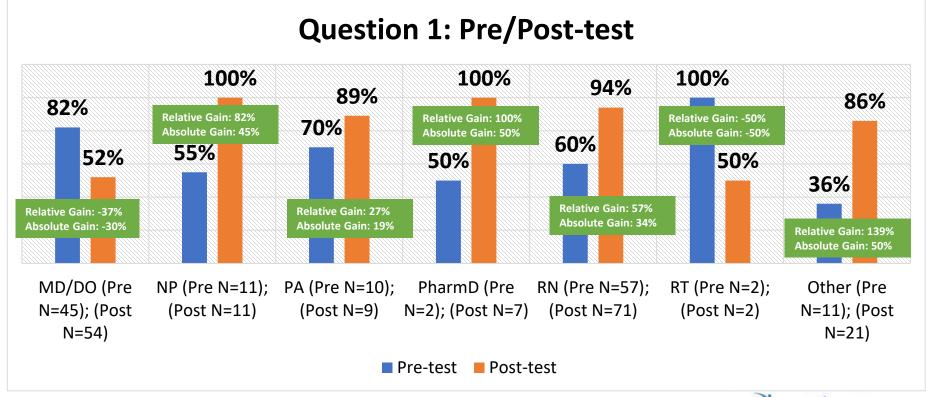


Level 3&4 Outcomes (Knowledge/Competence): Live Webinar Sessions: Question 1

Learning Objective: Discuss best practices approaches for early diagnosis and management of COPD to prevent and reduce exacerbations

Question 1: A 60-year-old smoker presented with shortness of breath on exertion. His spirometry findings were pre-bronchodilator 1.23 L (67% predicted) with FEV1/FVC of 59% and post-bronchodilator 1.37 L (75% predicted) with FEV1/FVC of 66%. Using the GOLD criteria for staging COPD, he would be:

- a. Gold Stage I
- b. Gold Stage II
- c. Gold Stage III
- d. Gold Stage IV









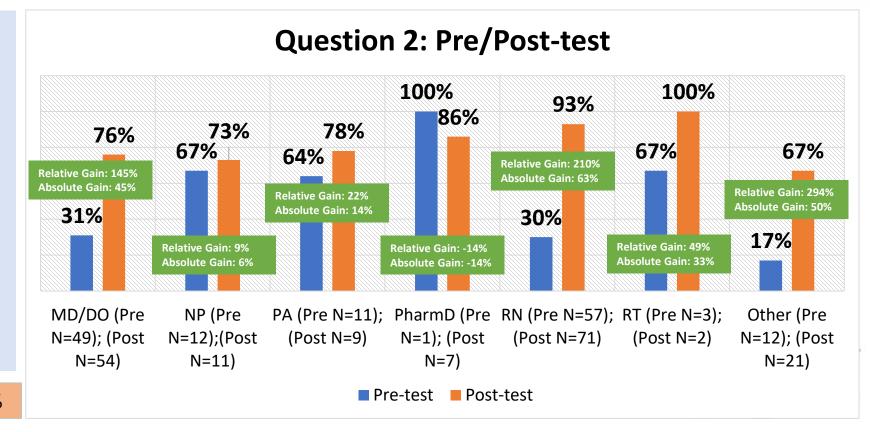


Level 3&4 Outcomes (Knowledge/Competence): Live Webinar Sessions: Question 2

Learning Objective: Discuss best practices approaches for early diagnosis and management of COPD to prevent and reduce exacerbations

Question 2: A 55-year-old former heavy smoker presents with a history of shortness of breath and intermittent wheezing that responds to 2 inhalations of albuterol using a MDI device. Using pulmonary function testing, which of the following can be the most helpful in distinguishing whether he has asthma or COPD?

- a. Spirometry response to inhaled albuterol
- b. Assessing severity of airflow obstruction (FEV1)
- c. Measuring small airway function with FEF25-
- Cannot be distinguished by lung function testing



Average Knowledge Gain (Question 2): 52%

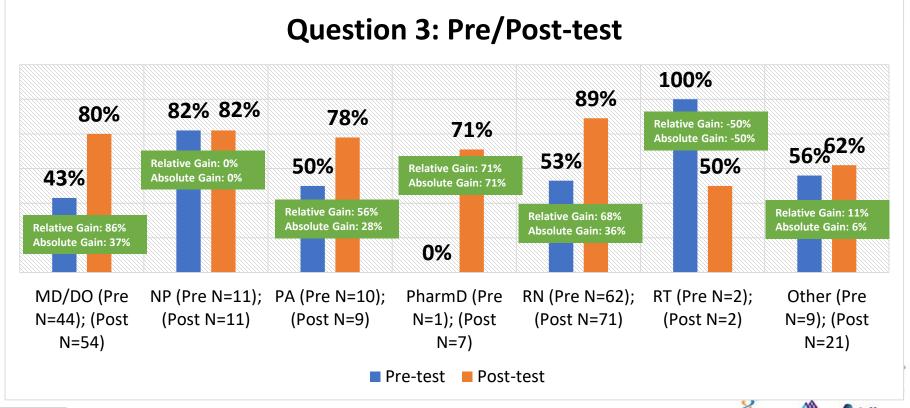


Level 3&4 Outcomes (Knowledge/Competence): Live Webinar Sessions: Question 3

Learning Objective: Review current and emerging therapeutics in the treatment of COPD

Question 3: Which of these has been proven to reduce exacerbations of COPD?

- a. Regular use of short-acting beta agonist (e.g. albuterol)
- b. Pneumococcal vaccination
- c. Smoking cessation for 6 months
- d. Regular use of long-acting bronchodilator (e.g. tiotropium)







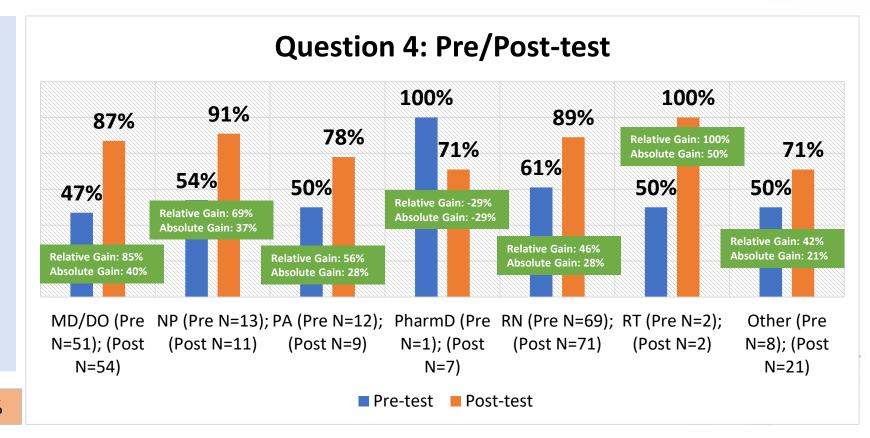


Level 3&4 Outcomes (Knowledge/Competence): Live Webinar Sessions: Question 4

Learning Objective: Describe patient-centered strategies for creating personalized treatment and management plans for COPD to improve patient adherence

Question 4: A 60-year-old man has been admitted to the hospital for a COPD exacerbation. Following discharge, which of the following measures has been shown to improve his survival (mortality)?

- a. Add a LABA/ICS to his regimen
- b. Add a PDE-4 inhibitor to his regimen
- Begin an early program and pulmonary rehabilitation
- d. Prolonged course of oral corticosteroid



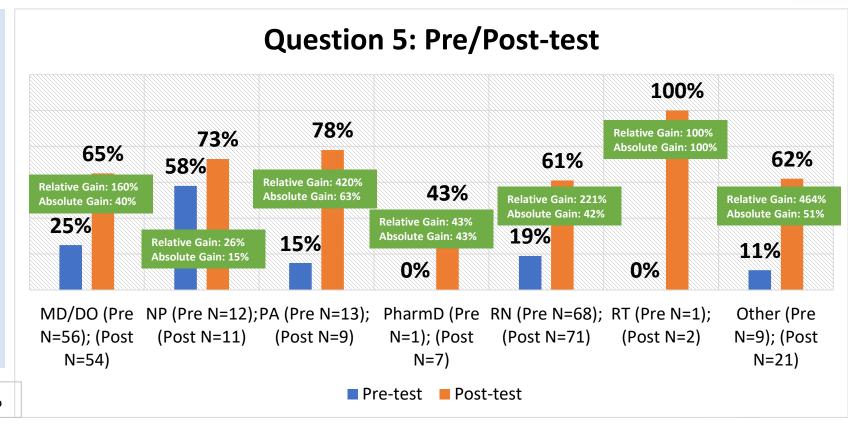


Level 3&4 Outcomes (Knowledge/Competence): Live Webinar Sessions: Question 5

Learning Objective: Discuss best practices approaches for early diagnosis and management of COPD to prevent and reduce exacerbations

Question 5: A 55 year old obese man (BMI 35 kg/m2) is smoking 1 pack of cigarettes a day. He admits to chronic daily cough and sputum production. He is GOLD stage II COPD and has previous myocardial infarction. Which of the following puts the patient at most risk for recurrent exacerbations?

- a. Obesity
- b. Chronic daily cough and sputum
- c. Emphysema on his CT scan
- d. His history of coronary artery disease



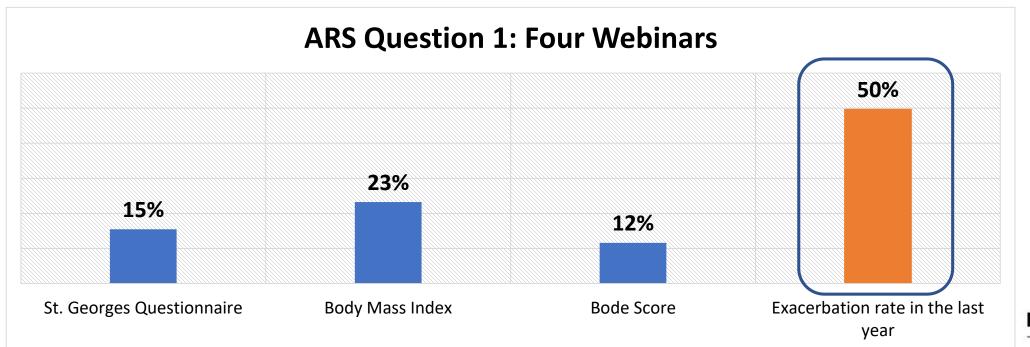
Average Knowledge Gain (Question 5): 283%



Level 3 Outcomes (Knowledge): Live Webinar Sessions: ARS Question 1

Learning Objective: Discuss best practices approaches for early diagnosis and management of COPD to prevent and reduce exacerbations

ARS Question 1: For many years, staging COPD severity relied on lung function measurements such as the FEV1. A new GOLD COPD staging assessment added exercise capacity using the modified Medical Research Council score or COPD assessment test (CAT score) to the assessment. What additional measure is needed to stage COPD using new GOLD criteria?









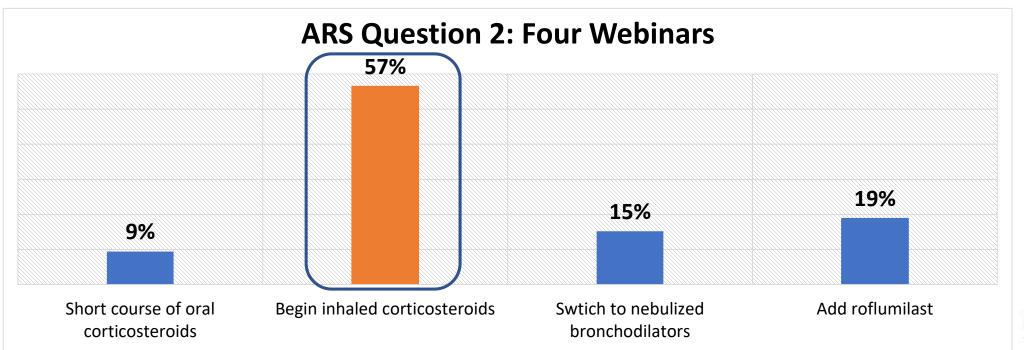




Level 3&4 Outcomes (Knowledge/Competence): Live Webinar Sessions: ARS Question 2

Learning Objective: Discuss best practices approaches for early diagnosis and management of COPD to prevent and reduce exacerbations

ARS Question 2: 60-year-old female executive, has been having increasing difficulty with her symptoms of COPD and has an increased frequency of exacerbations (2 exacerbations within the past 6 months). She has advanced COPD and has been using a LABA/LAMA. What additional therapy is suggested in the GOLD Guidelines for this patient?







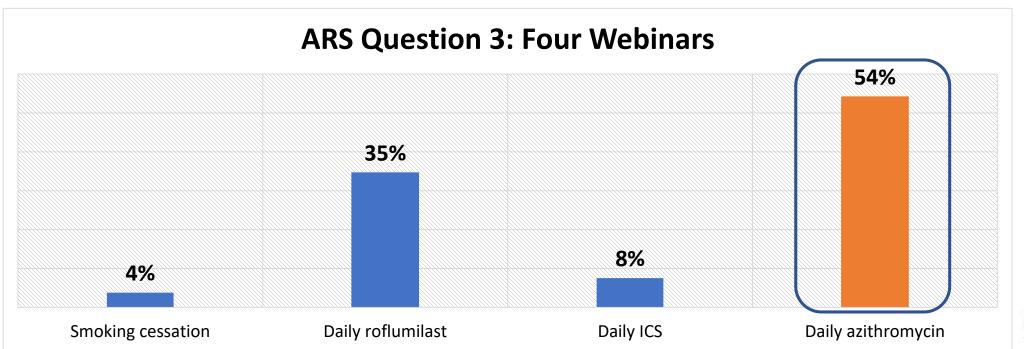




Level 3&4 Outcomes (Knowledge/Competence): Live Webinar Sessions: ARS Question 3

Learning Objective: Describe patient-centered strategies for creating personalized treatment and management plans for COPD to improve patient adherence

ARS Question 3: 65 year old man from East Texas with multiple visits to physician for flare ups of breathing problems including frequent prednisone and antibiotics about every 2 months. He continues to smoke 1 ppd and coughs up several tablespoons of sputum every day. He has been taking LAMA/LABA for more than a year. His FEV1 is 43%. His eosinophil count off prednisone is 400 cells/µl. Which of the following are NOT indicated?







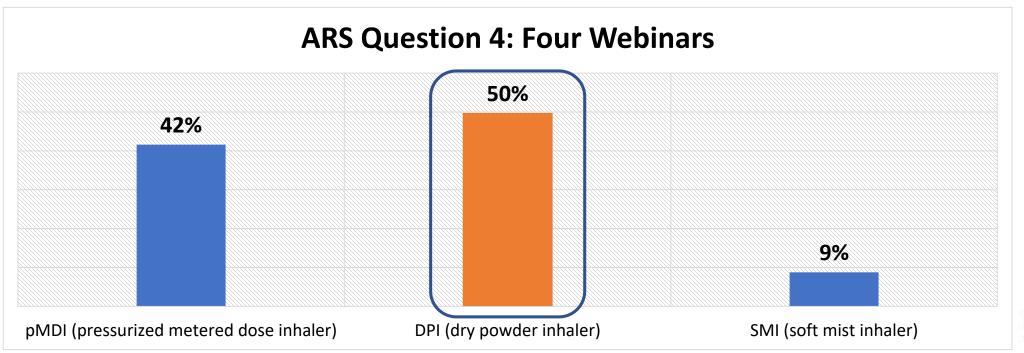




Level 3 Outcomes (Knowledge): Live Webinar Sessions: ARS Question 4

Learning Objective: Describe patient-centered strategies for creating personalized treatment and management plans for COPD to improve patient adherence

ARS Question 4: Which of the following inhaler types has the most inspiratory flow resistance?











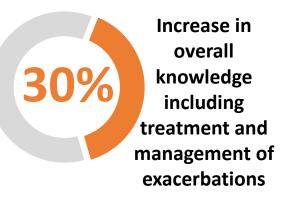
Level 4 Outcomes (Competence): Live Webinar Sessions

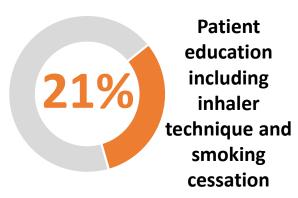
An analysis of open-ended comments demonstrates the following changes learners intend to make:

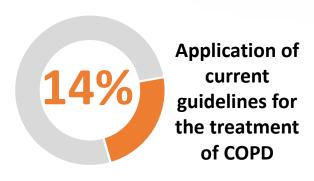
92%

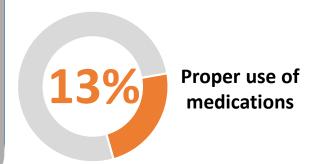
N=177

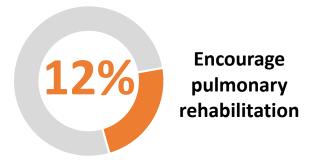
Learners intend to make changes to practice as a result of the activity

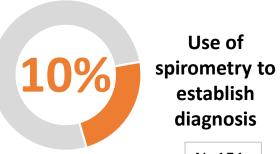












N=151



Program Evaluation: Live Webinar Sessions

100%

 Material presented in an objective manner and free of commercial bias

100%

 Content presented was evidence-based and clinically relevant Use of spirometry and early diagnosis of COPD

(21 responses)

Proper use of medications (16 responses)

Overall increase in knowledge of COPD

(36 responses)

Most important take-away

Management of COPD with guidelines & prevention of exacerbations

Education & communication strategies for inhaler technique & smoking cessation & pulmonary rehab

(33 responses)

Most effective treatment plans

(26 responses)



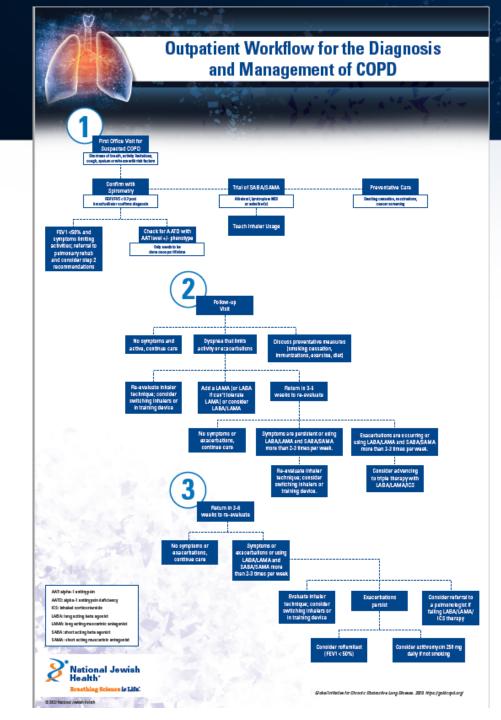






Challenging Cases in COPD: Early Diagnosis, Management and Exacerbation Prevention

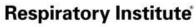
75% of learners indicated they plan to use the clinical reference aid in practice.





Program Evaluation: Live Webinar Sessions

What do you think is the primary reason why making a diagnosis of COPD is so difficult?	
Variability in patterns of clinical presentation	Ease of access to spirometry
Symptoms can overlap with asthma	Lack of understanding by primary care providers
Symptoms are subjective	Time constraints
Lack of referral to pulmonologists	Patient history and conversation
Poor understanding of the pathophysiology	Access to testing
Clinical limits and policies	Variability of clinical presentation
Proper diagnostic testing for proper diagnosis	Lack of understanding the data
Lack of attention to current guidelines for care	Obtaining a reliable patient history











Program Evaluation: <u>Live Webinar Sessions</u> Strategies for Overcoming Barriers

- Education for inhaler technique
- Early diagnosis
- Spirometry testing
- Motivational interviewing
- Management of exacerbations
- Appropriate interpretation of PFTs and how to guide therapy
- Help patients and families/caregivers understand the treatment plan
- Referral to pulmonary rehab

69%

N=177

the activity
addressed strategies
for overcoming
barriers to optimal
patient care









Program Evaluation: Live Webinar Sessions

What topics would you like more information about in future educational activities?	
Chronic urticaria	Disaster medicine
COVID-19	NTM infections
Cardiology	Dermatology
Ventilator management	Pediatric emergencies
Chronic kidney disease	Lyme disease
Triple therapy	Renal disease
Diabetes	Immune deficiency
Atrial fibrillation	Severe asthma
Cancer	Pulmonary hypertensions
Sleep	Neurology









Program Evaluation: 45-day Follow-up Survey: Live Webinar Sessions

66%

Respondents to the follow-up survey N=32

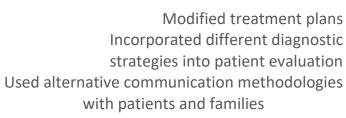
reported they
have made or
are still thinking
about making
changes to their
practice

63%

Respondents to the follow-up survey

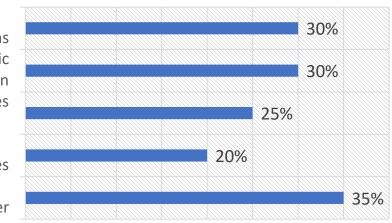
reported the activity provided new ideas and information to use in practice.

Changes Incorporated into Practice as Result of Activity



Changed screening/prevention practices

N=20



Other Includes:

- Early airway management, preventing respiratory fatigue, triage screening tools, using CAT questionnaire
 - Modified treatment plan
 - Pulmonary rehabilitation program
 - Care plan

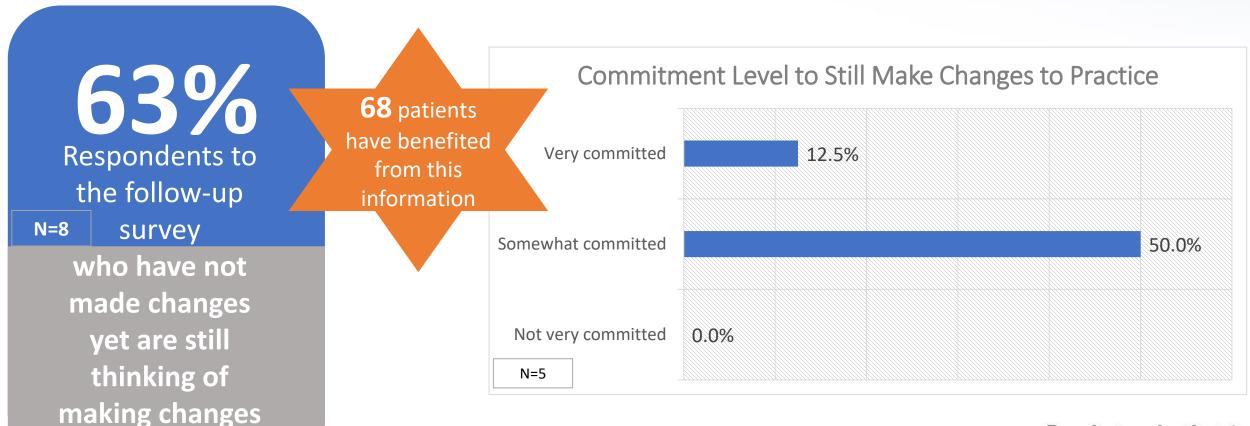








Program Evaluation: 45-day Follow-up Survey: Live Webinar Sessions











■ Lack of time

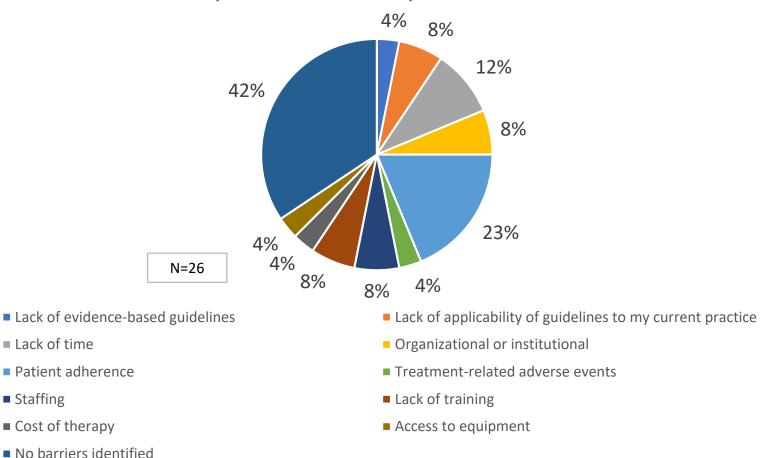
■ Cost of therapy

Staffing

Challenging Cases in COPD: Early Diagnosis, Management and **Exacerbation Prevention** [Live Final Outcomes]

Program Evaluation: 45-day Follow-up Survey: Live Webinar Sessions

Barriers Experienced that Impact Patient Outcomes



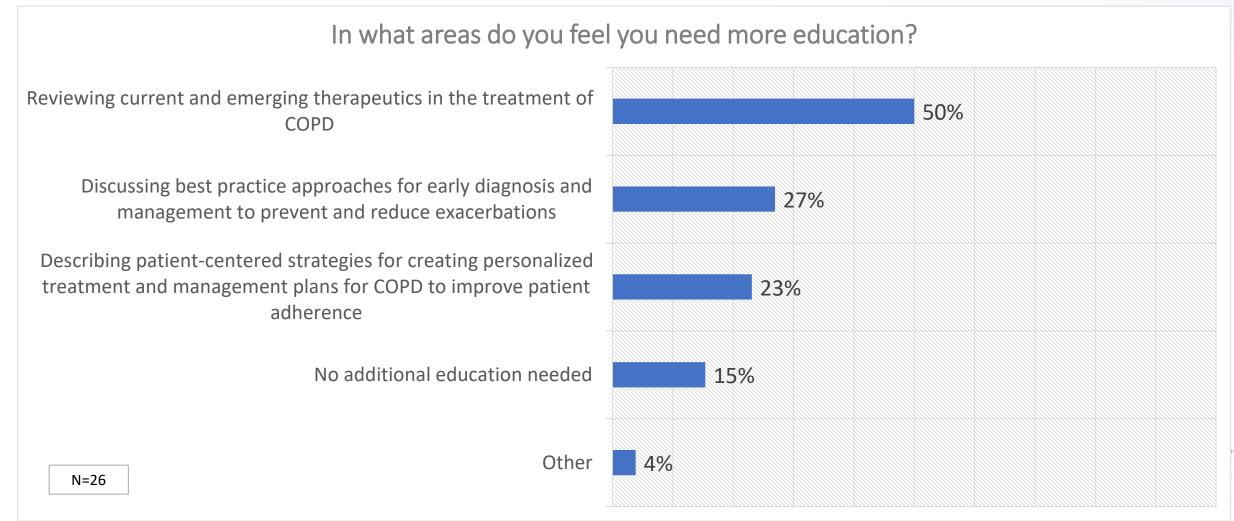
42%

N=26

Learners indicated the activity provided information, education, tools, or resources to address barriers.



Program Evaluation: 45-day Follow-up Survey: Live Webinar Sessions





Challenging Cases in COPD: Early Diagnosis, Management and Exacerbation Prevention

[Final Outcomes]

Accreditation

NJH is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians. The NJH Office of Professional Education produced and accredited this program and adhered to the updated ACCME guidelines.

Online Enduring

NJH designates this enduring material for a maximum of 1.0 AMA PRA Category 1 CreditTM.

Provider approved by the California Board of Registered Nursing, Provider Number 12724 for 1.0 nursing contact hours.

Live Webinar Series

NJH designates this live activity for a maximum of 2.0 AMA PRA Category 1 CreditsTM.

Provider approved by the California Board of Registered Nursing, Provider Number 12724 for 2.0 nursing contact hours.







