

Online Supplement
Does Evaluation and Management of COPD Follow Therapeutic Strategy Recommendations?

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Supplemental Table 1. Clinician Survey

Survey question	Answer options
How many years have you been in practice?	Open-ended responses
On average, how many patients diagnosed with COPD do you treat per week?	<ul style="list-style-type: none"> • < 10 • 10—19 • 20—29 • ≥ 30
How often do you use a validated tool such as the mMRC Dyspnea Scale or COPD Assessment Test (CAT) to assess COPD symptoms/health status?	<ul style="list-style-type: none"> • Never • Rarely • Sometimes • Most of the time • Always
When do you order spirometry for your COPD patients?	<ul style="list-style-type: none"> • At diagnosis • Routine monitoring • Acute change in symptoms
What percentage of your patients do you believe experienced at least 2 exacerbations in the past year?	Open-ended responses
What percentage of your patient do you believe were hospitalized (for at least 1 night) in the past year because of their COPD?	Open-ended responses
What is the primary reason your patients stop taking their COPD medication as prescribed? (select only 1 answer)	<ul style="list-style-type: none"> • Forgetfulness • Embarrassment when out in public • Side effects from medication • Lack of perceived efficacy

	<ul style="list-style-type: none">• Cost
Which types of referrals do you make most often for patients with COPD? (select all that apply)	<ul style="list-style-type: none">• Pulmonary rehabilitation• Case management• Durable medical equipment• Mental health services• Smoking cessation• Advance care planning• Pulmonology specialist

Supplemental Table 2. Patient Survey

Survey question	Answer options
What year were you born?	Open-ended response
Which best describes your race/ethnicity?	<ul style="list-style-type: none"> • African American/Black • Asian/Pacific Islander • Caucasian/White • Hispanic/Latino • Native American/Alaska Native
How long have you had COPD?	<ul style="list-style-type: none"> • Less than 1 year • 1 to 4 years • 5 to 9 years • 10 or more years
What is your stage of COPD?	<ul style="list-style-type: none"> • Mild (stage 1) • Moderate (stage 2) • Severe (stage 3) • Very severe (stage 4) • I do not know
In the past year, how many flare-ups/exacerbations have you had (when your COPD symptoms suddenly worsened)?	<ul style="list-style-type: none"> • None • 1 time • 2 times • 3 or more times • I do not know
In the past year, how many times have you been hospitalized for 1 night or longer because of your COPD (or and exacerbation)?	<ul style="list-style-type: none"> • None • 1 time • 2 times • 3 or more times • I do not know
In the past year, how often has your COPD provider asked about your COPD symptoms (cough, breathing, sputum)?	<ul style="list-style-type: none"> • Never • At one of my visits • At some of my visits • At most of my visits • At every visit
Did you have any breathing tests done to diagnose your COPD?	<ul style="list-style-type: none"> • Yes • No • I do not know
Have you had any breathing tests does in the past year?	<ul style="list-style-type: none"> • Yes • No • I do not know
What stops you from taking your COPD medication as prescribed? (select only 1 answer)	<ul style="list-style-type: none"> • I forget • I am embarrassed to use it in public • I do not feel good when I take them (side effects) • I do not feel that the medications work

	<p>well</p> <ul style="list-style-type: none"> • I cannot afford to take it as prescribed • Other: [open-ended responses] • I do not know what medication I take for my COPD
<p>Which of these referrals has your provider offered you? (select all that apply)</p>	<ul style="list-style-type: none"> • Pulmonary rehabilitation (program that teaches exercise, nutrition, breathing strategies, and other education to help you live better) • Case management (helps coordinate care to meet your health needs) • Durable medical equipment (company to help with your medical supplies, including oxygen) • Mental health/counseling/psychologist/psychiatrist • Quit smoking program/medications • Palliative/hospice care • Pulmonology (lung doctor or specialist) • I have been offered referrals but do not remember exactly which ones • Other: [open-ended responses]