

Algorithm

Modified entire algorithm to reflect management of stable disease earlier in the process.

Annotations

- 1) Based on algorithm changes, establish severity of disease was incorporated in this step. Table for staging COPD was also added.

The FEV₁/FVC ratio less than 70% after treatment was added as criteria for establishing COPD. Reference added: (*Global Initiative for Chronic Obstructive Lung Disease, 2009*).

Establishing or participating in a spirometry training program for quality control was added. Reference updated: (*American Thoracic Society, 2005*).

- 2) Table of tobacco cessation medications was removed.
- 4) Using inhaled corticosteroids if hospitalized for frequent COPD exacerbations was added to the table of interventions for both moderate and severe COPD.

Information on cardiovascular morbidity related to tiotropium was included. References added: (*Singh, 2008; Tashkin, 2008*).

Arformoterol was added as a long-acting beta-antagonist.

Information on the phasing out of CFC inhalers was included.

A link to Up-To-Date web site was added for inhaler cleaning instructions.

Information related to specific antivirals for influenza was removed and replaced with a link to the Centers for Disease Control and Prevention regarding therapy for current strains of influenza. The antiviral table was deleted.

- 5) Surgical options were moved to this annotation in accordance with the algorithm changes.

HIV infection was removed as an absolute contraindication and added as a relative contraindication in the table “General selection guidelines for candidate selection for lung transplantation in COPD patients.”

- 6) Spirometry was included for ongoing management of disease. Reference added: (*Global Initiative for Chronic Obstructive Lung Disease, 2009*).
- 8) White blood count was removed as a laboratory test in evaluating patients.
- 12) Pulmonary embolism was added as an indication for consideration of hospital admission for acute exacerbation of COPD. References added: (*Global Initiative for Chronic Obstructive Lung Disease, 2009; Rizkallah, 2009*).

Aims & Measures

1a, 5b, 5c) These measures were removed due to lack of measurability.

Appendices

Appendix A) Triamciproloone was removed. Diclesonide dosage forms were updated. Footnote regarding CFC inhalers was removed.