Chronic obstructive pulmonary disease (COPD) evidentiary framework
OHTAC COPD Collaborative

Record Status
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Citation

Authors' objectives
The objective of this report series is to create an evidentiary base and economic analysis that will guide investment in the treatment of chronic obstructive pulmonary disease (COPD) in a way that optimizes patient outcomes and system efficiencies. This evidentiary platform concerning the effectiveness and cost-effectiveness of treatment strategies for patients with COPD will be used to build a provincial COPD strategy.

Authors' conclusions
- A significant proportion of COPD patients were willing to forgo a potentially life-saving intervention, particularly when it was framed as an indefinite procedure. - COPD patients who were willing to forgo either IMV or NPPV could not be reliably predicted by known covariates (such as age, quality of life). - COPD patient preferences for ventilation were not stable, but varied depending on how the intervention was described. Many COPD patients also altered their preferences when asked to consider ventilation under different hypothetical health states. - A systematic review of the patient preference literature offers many insights. However, the process is time-consuming due to the heterogeneity of study designs, outcomes measures, and terminology.

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