TITLE: Interventions for Chronic Obstructive Pulmonary Disease Patients in a Hospital Setting: Clinical Effectiveness and Guidelines

DATE: 26 April 2012

RESEARCH QUESTIONS

1. What is the clinical effectiveness of interventions for chronic obstructive pulmonary disease patients for reducing length of stay in a hospital setting?

2. What are the evidence-based guidelines and recommendations for interventions for chronic obstructive pulmonary disease patients in a hospital setting?

KEY MESSAGE

Eight systematic reviews, 10 randomized controlled trials, seven non-randomized studies, and four evidence-based guidelines were identified regarding interventions for chronic obstructive pulmonary disease patients for reducing length of stay in a hospital setting.

METHODS

A limited literature search was conducted on key resources including PubMed, The Cochrane Library (2012, Issue 4), University of York Centre for Reviews and Dissemination (CRD), ECRI (Health Devices Gold) databases, Canadian and major international health technology agencies, as well as a focused Internet search. Methodological filters were applied to limit retrieval to health technology assessments, systematic reviews, meta-analyses, randomized controlled trials, non-randomized studies, and guidelines. Where possible, retrieval was limited to the human population. The search was also limited to English language documents published between January 1, 2007 and April 19, 2012. Internet links were provided, where available.

RESULTS

Rapid Response reports are organized so that the higher quality evidence is presented first. Therefore, health technology assessment reports, systematic reviews, and meta-analyses are...
presented first. These are followed by randomized controlled trials, non-randomized studies, and evidence-based guidelines.

Eight systematic reviews, 10 randomized controlled trials, seven non-randomized studies, and four evidence-based guidelines were identified regarding interventions for chronic obstructive pulmonary disease patients for reducing length of stay in a hospital setting. No relevant health technology assessment reports were identified. Additional references of potential interest are provided in the appendix.

**Health Technology Assessments**

No literature identified.

**Systematic Reviews and Meta-analyses**


Randomized Controlled Trials


Non-Randomized Studies


Guidelines and Recommendations


PREPARED BY:
Canadian Agency for Drugs and Technologies in Health
Tel: 1-866-898-8439
www.cadth.ca

Interventions for Chronic Obstructive Pulmonary Disease Patients in a Hospital Setting
APPENDIX – FURTHER INFORMATION:

Health Technology Assessment Reports, Systematic Reviews, Meta-Analyses – no abstract or length of stay not reported in the abstract but likely examined


Clinical Guidelines and Recommendations


Trials in Progress


Additional References

