

THE HIGH COST OF COPD

in Canada

Symptoms: Shortness of breath, coughing and mucus production. There is no cure for COPD but it can be managed.

→ WHAT IS COPD?

Chronic Obstructive Pulmonary Disease (COPD) is a chronic, progressive condition that slowly damages the tissues of the lungs. Chronic bronchitis and emphysema are the most common COPDs. A “lung attack” is a COPD-related flare up when symptoms intensify.

CAUSES & IMPACT OF COPD

COPD CASES

772,200
Cdns. (35 years +)

772,200 in Canada
210,000,000 worldwide

90%

90% of COPD is caused by tobacco use (pollution & genetics also contribute)

COPD FATALITIES

11k
dead

2010: 11,000 COPD deaths
2030: 19,000 COPD deaths (projected)

TOP 5 KILLER

4th

COPD is the 4th leading cause of death in Canada and is growing in prevalence

HOSPITAL STAY

10

Average 10 days in hospital = \$10,000 per hospital stay

COST IN BILLIONS

\$1.3B

Total cost of COPD hospitalizations in 2010 = \$1,300,000,000

SOCIETAL & PERSONAL BURDEN OF COPD

HEALTHCARE COSTS

\$4,600,000,000 in direct costs by 2030

4.6B

\$2,020,000,000 in direct costs in 2010

2.02B

3X: Long-term disability costs will almost triple from 2010 to 2030

3x

80% of COPD patients receive care primarily through family physicians

80%

PERSONAL COSTS

28%

28% say most days are “quite a bit or extremely stressful”

22%

22% changed the number of hours or type of volunteer work

17%

17% changed the number of hours worked or type of work

15%

15% describe their mental health as “fair or poor”

14% stopped working permanently

14%

14% are “dissatisfied or very dissatisfied” with their life

14%

POSSIBLE SOLUTIONS FOR COPD

- More effective smoking cessation programs
- New treatments for lung attacks and COPD itself
- Biomarker tests to predict and detect lung attacks



PROOF
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EXCELLENCE

Biomarker solutions for
– Solutions en soins de santé.

Sources:

The Human and Economic Burden of COPD: A Leading Cause of Hospital Admission in Canada; Canadian Thoracic Society

Cost of Lung Diseases in Canada Report; Conference Board of Canada (2012)

The Public Health Agency of Canada's 2011 Survey on Living with Chronic Diseases in Canada (SLCDC); Public Health Agency of Canada
www.publichealth.gc.ca