Definition of COPD
Chronic obstructive pulmonary disease (COPD) is a common clinical condition characterised by chronic slowly progressive airway obstruction.

Burden of the disease
- 13,098 primary diagnosis discharge p.a.
- 122,263 bed days p.a.
- Mean Length of Stay of 9.2 days
- 18,500 exacerbations of COPD in Primary Care p.a.

Clinical Tip of the Ice Berg

Aims and Objectives
Over Arching Aims: To save 50 deaths a year from COPD.

Quality Objectives
- To decrease morbidity and mortality through:
  - Correct and early Diagnosis
  - Correct treatment based on best practice guidelines for treatment (self management, GP and Pharmacy management)

Access Objectives
- Implementation of COPD outreach programme to decrease admissions
- Implement COPD pulmonary rehabilitation programme to improve exercise tolerance, quality of life and reduce breathlessness in patients.

Cost Objectives
- Reduce COPD admissions by 1,500 a year.

Solution Areas
Acute Management of COPD initiatives being implemented in 2011
- Implement ITS/ICGP/HSE guidelines
- Patient information online
- Implement standardised care pathways and bundles for COPD
- Nationwide COPD Outreach programmes
- Nationwide COPD Pulmonary Rehabilitation programmes

Primary Care Initiatives in development 2011
- Implement ITS/ICGP/HSE guidelines
- Improve access to diagnostic spirometry
- Nationwide COPD Pulmonary Rehabilitation programmes
- Patient Guided Self management programmes

Projected Benefits and Savings
- 20% reduction in COPD Admissions
- Reduction in Average Length of Stay of 2 days

Total Bed Days Saved by 2011 Implementation

<table>
<thead>
<tr>
<th>Year 1 2012</th>
<th>Year 2 2013</th>
<th>Year 3 2014</th>
<th>Total Savings over 3 years</th>
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<tbody>
<tr>
<td>11,547</td>
<td>15,662</td>
<td>15,662</td>
<td>42,871</td>
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