

Appendix 2: Costs, timings and assumptions for case-finding strategies

Assessment timings	Minutes per patient
Symptom questionnaire (completion and processing)	6
Peak flow	2
Microspirometry	4
Confirmatory NDD spirometry	30
Staff	Hourly costs (UK £)
Clinic staff	6.25
Additional unit costs	(UK £)
<i>Symptom questionnaire</i>	0.10
<i>Peak flow</i>	
Mouthpiece cost per patient	0.10
Overall equipment cost	8.00
Other consumable costs per patient	0.21
<i>Microspirometry (COPD-6)</i>	
Mouthpiece cost per patient	0.10
Overall equipment cost	75.00
Battery cost per year	5.00
Other consumable costs per patient	0.21
<i>Confirmatory NDD spirometry</i>	
Mouthpiece cost per patient	1.30
Overall equipment cost	1,095
Salbutamol cost per patient	0.70
Other consumable and equipment costs per patient	0.25
Assumptions	
Number of visits per year per case finding clinic (assuming 48 tests per day, 5 days a week, 50 weeks a year)	12,000
Number of visits per year per NDD spirometry clinic (assuming 16 tests per day, 5 days a week, 50 weeks a year)	4,000
Lifetime of peak flow meter	1 year
Lifetime of microspirometry	6 years
Lifetime of NDD spirometry	6 years
Proportion of patients requiring staff assistance with questionnaire	95%
Cost of case finding method per patient	(UK £)
Symptom questionnaire	0.70
Peak flow	0.52
Microspirometry	0.73
Confirmatory NDD spirometry	4.90