

**Medium- and longer-term cardiovascular effects of e-cigarettes in adults making a stop-smoking attempt: a randomized controlled trial.**

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**Cost of Stop Smoking Intervention Delivered by Study / Stop Smoking Services and Resource Use Costs over 12 Weeks**

Costing items for intervention	Cost Unit/Type			
		Nicotine-containing e-cigarettes	Nicotine-free-cigarettes	Nicotine Replacement Therapy
<b>I. Stop Smoking Intervention (12 weeks):</b>				
1. Pre- Quit: Total Number of sessions for each group		157	150	0
1a. Of which telephonic sessions		47	62	
2b. Of which Face to Face sessions		110	88	
2. Pre- Quit: Patient contact time of the Researcher (30 minutes)	£20 per hour	£1,570	£1,500	0
3. Pre- Quit: Room hire cost: Face to Face	£9 per hour	£495	£396	£729
4. Pre- Quit: Travel cost voucher per participant	£	0	0	0
5. Pre- Quit: Refreshment during session per participant	£	0	0	0
6. Post- Quit: Total Number of sessions for each group		219	215	0
6a. Of which telephonic sessions		79	84	
6b. Of which Face to Face sessions	£	140	131	
7. Post- Quit: Patient contact time of the Researcher (30 minutes)	£20 per hour	£2,190	£2,150	0
8. Post- Quit: Room hire cost: Face to Face (if Any)	£9 per hour	£630	£589.50	0
9. Post- Quit: Refreshment during session per participant	£	0	0	0
10. Stop Smoking Services Clinic Attendance	Number			342
10.1 Pre-quit Session cost (2 sessions, 45 minutes each)	£40 per hour			£4,860.00
10.2 Remaining follow-up sessions (30 minutes each)	£20 per session			£3,560.00
<b>Total Cost of Behavioural Support Intervention</b>	<b>£</b>	<b>£4,885.00</b>	<b>£4,635.50</b>	<b>£9,149.00</b>
<b>II. Intervention Supplies (For 12 Weeks of Intervention)</b>				
1. E-cigarettes received	£24 per EC	£2,064.00	£1,968.00	
2. Adapters/chargers	£1.50 x 2 boxes	£258.00	£246.00	
3. Atomizers	£5 x 1	£430.00	£410.00	
4. Ice Menthol (1.8%) / Tobacco (1.8%) bottles	£2.80 x 23	£5,538.40	0	
5. Ice Menthol (0%) / Tobacco (0%) bottle	£2.80 x 23	0	£5,280.80	
6. Any Replacement of above faulty kit (EC, Adapter, Atomizer & liquids)	£96.4 per kit	£289.20	£385.60	
<b>Total Cost of Supplies</b>		<b>£8,579.60</b>	<b>£8,290.40</b>	<b>£0.00</b>
7. NHS Net Prescription Kit Cost (borne for supplies to NRT person (£25-£9=£14) x 3 times	£9/£14	£9.00	£0.00	£3,444.00

8. Out-of-pocket purchases		£0.00	£15.50	£135.00
<b>III. Total Cost of Stop Smoking Intervention Delivery</b>		<b>£13,473.60</b>	<b>£12,941.40</b>	<b>£12,728.00</b>
IV.1. Health professionals (visits at least partially related to stop smoking attempt)				
GP-Doctor	£43.00	£301.00	£43.00	
GP-Nurse	£19.00	£0.00	£0.00	£95.00
Psychologist/Counsellor consultation	£48.50	£145.50	£0.00	£1,309.50
<b>Cost to NHS</b>		£446.50	£43.00	£1,404.50
IV.2. Travel & Other Costs				
Travel cost for clinic visits		£18.75	£28.15	£504.00
Other Expenses related to quit		£28.00	£140.28	£2,624.52
Amount Reimbursed by the Study (NRT)	£29.30/person	£0.00	£0.00	£2,401.82
<b>Net OOP expenses</b>		£46.75	£168.44	£726.70
IV.3. Diagnostic tests				
X-ray	£15.5	£15.50	£0.00	£0.00
Blood test	£6.5	£0.00	£0.00	£6.50
<b>Cost to NHS</b>		£15.50	£0.00	£6.50
IV.4. Medicine Out-of-Pocket Expenses				
Prescriptions payment	£9.0	£27.00	£0.00	£2,322.00
OOP expenses on non-prescription items		£2,165.00	£1,413.00	£559.00
IV.5. Other Costs				
Sick day cost due to stop smoking attempt	£99.2 per day			£99.20
<b>V. Total Resource Use Cost</b>		<b>£2,700.75</b>	<b>£1,624.44</b>	<b>£7,519.72</b>
<b>VI. Total Cost of ntervention + Supplies + Resource Use</b>		<b>£16,174.35</b>	<b>£14,565.84</b>	<b>£20,247.72</b>
VI.1. Cost borne by Research Study		£13,464.60	£12,925.90	£2,401.82
VI.2. Cost to Stop Smoking Services		£471.00	£43.00	£14,004.00
VI.3 Cost to Participants (OOP expenses excluding reimbursement)		£2,238.75	£1,596.94	£3,841.90
<b>VII. Per Participant Cost:</b>				
<b>Total Cost</b>		<b>£192.55</b>	<b>£177.63</b>	<b>£246.92</b>
Study Cost		£160.29	£163.62	£29.65
NHS/Stop Smoking Services Cost		£5.61	£0.54	£172.89
Participants' Cost		£26.65	£20.21	£47.43
<b>Aggregated Total Cost per Participant</b>		<b>£208.97</b>		

**Incremental Cost-Effectiveness Ratios Nicotine-containing e-cigarettes vs Nicotine-free-cigarettes vs NRT**

<b>Cost/QALY per Participant</b>	<b>Nicotine-containing e-cigarettes (EC-NR)</b>	<b>Nicotine-free-cigarettes (EC-NF)</b>	<b>Nicotine replacement therapy (NRT)</b>
1. Cost of Stop-smoking Intervention borne by study	<b>£160.29</b>	<b>£163.62</b>	<b>£29.65</b>
2. Stop Smoking Intervention + NHS Resource Use Cost	£5.61	£0.54	£172.89
3. Participants' Cost	£26.65	£20.21	£47.43
<b>All Costs per Participant</b>	<b>£192.55</b>	<b>£184.38</b>	<b>£249.97</b>
QALY- Baseline	0.8910	0.8840	0.9282
QALY- 3M	0.9118	0.9048	0.9531
QALY- 6M	0.9141	0.9103	0.9526
QALY Difference 3M over Base	0.0208	0.0208	0.0249
QALY Difference 6M over Base	0.0231	0.0263	0.0244
<b>Incremental QALY Gain</b>	EC-NR over EC-NF EC-NR over NRT	0.0124	-0.0915
		EC-NF over NRT	-0.0791
<b>Difference in Costs</b>	EC-NR over EC-NF EC-NR over NRT	£8.17	(£57.42)
		EC-NF over NRT	(£65.59)
<b>Incremental Cost-Effectiveness Ratio</b>	EC-NR over EC-NF EC-NR over NRT	£659.86	£627.55
		E-NF over NRT	£829.13