

The resource use and unit costs for SCIT and ST are the same as in the main analysis. The only difference is in the number of injections/clinic visits. The total number of clinic visits over a 3-year period was assumed to be 36, i.e. 19 in year 1 (including up dosing), eight in year 2 and nine in year 3.

Shown below are the costs and ICERs when the 6-week maintenance schedule is used. The effectiveness estimates based on change in RQLQ were assumed to remain the same.

TABLE 67 Costs: SCIT (6-weekly maintenance schedule)

	Year 1	Year 2 ^a	Year 3 ^a
Staff during clinic visits			
Consultant	£702.81	£285.91	£310.78
Band 8 nurse	£208.74	£84.92	£92.30
Supplies/consumables^b			
	£3.80	£1.55	£1.68
SCIT medication			
Allergy medicine			
Alutard	£1051.82	£725.18	£788.24
Symptomatic medicine			
Desloratadine	£24.15	£23.33	£22.54
Budesonide	£41.86	£40.45	£39.08
Productivity loss			
Hours missed from work	£49.74	£48.05	£46.43
Hours at work with reduced productivity	£95.14	£91.92	£88.82
Total annual costs	£2178.06	£1301.32	£1389.86
Total cumulative costs	£2178.06	£3479.38	£4869.24

a Costs discounted at 3.5%.

b Supplies are made of swabs, syringes, hypodermic needles and gloves.

TABLE 68 Subcutaneous immunotherapy costs for years 4–10 (6-weekly maintenance schedule)

	Year 4	Year 5	Year 6	Year 7	Year 8	Year 9	Year 10
Staff during clinic visits							
Consultant	–	–	–	–	–	–	–
Band 8 nurse	–	–	–	–	–	–	–
SCIT medication							
Alutard	–	–	–	–	–	–	–
Symptomatic medicine							
Desloratadine	£21.78	£21.05	£20.33	£19.65	£18.98	£18.34	£17.72
Budesonide	£37.76	£36.48	£35.25	£34.06	32.90	31.79	£30.72
Productivity loss							
Hours missed from work	£44.86	£43.34	£41.88	£40.46	£39.09	£37.77	£36.49
Hours at work with reduced productivity	£85.81	£82.91	£80.11	£77.40	£74.78	£72.25	£69.81
Total annual costs	£190.21	£183.78	£177.56	£171.56	£165.76	£160.15	£154.74
Total cumulative costs^{a,b}	£5059.45	£5243.23	£5420.79	£5592.35	£5758.11	£5918.27	£6073.00

a Costs discounted at 3.5%.

b Includes cumulative cost of SCIT incurred in years 1–3.

TABLE 69 Economic evaluation results: SCIT vs ST (based on direct comparisons, 6-weekly maintenance schedule)

Cost difference (£) at	
3 years	4085
4 years	4032
5 years	3980
6 years	3930
7 years	3882
8 years	3835
9 years	3790
10 years	3746
RQLQ difference	0.740 (95% CI 0.560 to 0.920)
ICER (£): costs/unit improvement in RQLQ	5521 (95% CI 4441 to 7295)
<i>Total QALY gain in 3 years</i>	0.0957 (95% CI 0.0724 to 0.1189)
ICER (£): costs per QALY	42,705 (95% CI 34,349 to 56,431)
<i>Total QALY gain in 4 years</i>	0.1254 (95% CI 0.0949 to 0.1559)
ICER (£): costs per QALY	32,145 (95% CI 25,856 to 42,478)
<i>Total QALY gain in 5 years</i>	0.1542 (95% CI 0.1167 to 0.1917)
ICER (£): costs per QALY	25,815 (95% CI 20,764 to 34,113)
<i>Total QALY gain in 6 years</i>	0.1820 (95% CI 0.1377 to 0.2262)
ICER (£): costs per QALY	21,599 (95% CI 17,373 to 28,541)
<i>Total QALY gain in 7 years</i>	0.2088 (95% CI 0.1580 to 0.2596)
ICER (£): costs per QALY	18,591 (95% CI 14,953 to 24,566)
<i>Total QALY gain in 8 years</i>	0.2347 (95% CI 0.1776 to 0.2918)
ICER (£): costs per QALY	16,338 (95% CI 13,141 to 21,589)
<i>Total QALY gain in 9 years</i>	0.2598 (95% CI 0.1966 to 0.3230)
ICER (£): costs per QALY	14,588 (95% CI 11,734 to 19,278)
<i>Total QALY gain in 10 years</i>	0.2840 (95% CI 0.2149 to 0.3531)
ICER (£): costs per QALY	13,191 (95% CI 10,610 to 17,431)

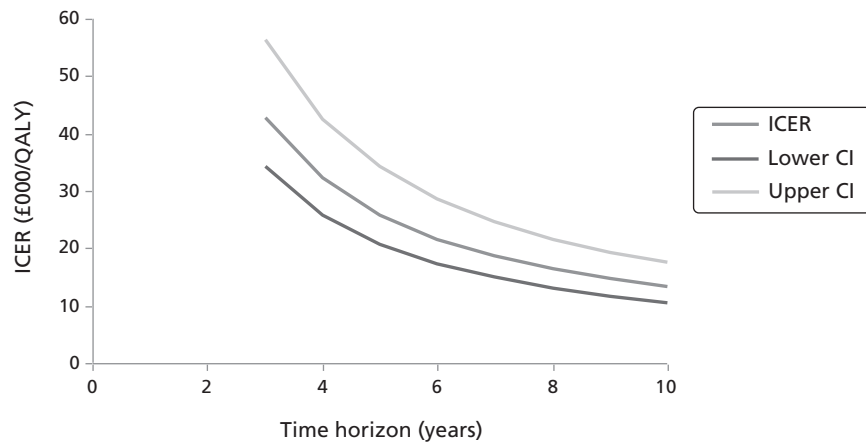


FIGURE 96 Cost-effectiveness of SCIT vs ST (direct comparison, 6-weekly maintenance schedule).

TABLE 70 Economic evaluation results: SCIT vs ST (based on indirect comparisons, 6-weekly maintenance schedule)

Cost difference (£) at	
3 years	4085
4 years	4032
5 years	3980
6 years	3930
7 years	3882
8 years	3835
9 years	3790
10 years	3746
RQLQ difference	0.764 (95% CI 0.425 to 1.116)
ICER (£): costs/unit improvement in RQLQ	5347 (95% CI 3661 to 9613)
<i>Total QALY gain in 3 years</i>	0.0988 (95% CI 0.0549 to 0.1443)
ICER (£): costs per QALY	41,363 (95% CI 28,317 to 74,356)
<i>Total QALY gain in 4 years</i>	0.1295 (95% CI 0.0720 to 0.1892)
ICER (£): costs per QALY	31,136 (95% CI 21,315 to 55,971)
<i>Total QALY gain in 5 years</i>	0.1592 (95% CI 0.0885 to 0.2325)
ICER (£): costs per QALY	25,004 (95% CI 17,117 to 44,948)
<i>Total QALY gain in 6 years</i>	0.1879 (95% CI 0.1045 to 0.2744)
ICER (£): costs per QALY	20,920 (95% CI 14,322 to 37,607)
<i>Total QALY gain in 7 years</i>	0.2156 (95% CI 0.1199 to 0.3149)
ICER (£): costs per QALY	18,007 (95% CI 12,327 to 32,370)
<i>Total QALY gain in 8 years</i>	0.2423 (95% CI 0.1348 to 0.3540)
ICER (£): costs per QALY	15,825 (95% CI 10,833 to 28,447)
<i>Total QALY gain in 9 years</i>	0.2682 (95% CI 0.1492 to 0.3918)
ICER (£): costs per QALY	14,130 (95% CI 9673 to 25,401)
<i>Total QALY gain in 10 years</i>	0.2932 (95% CI 0.1631 to 0.4283)
ICER (£): costs per QALY	12,777 (95% CI 8747 to 22,968)

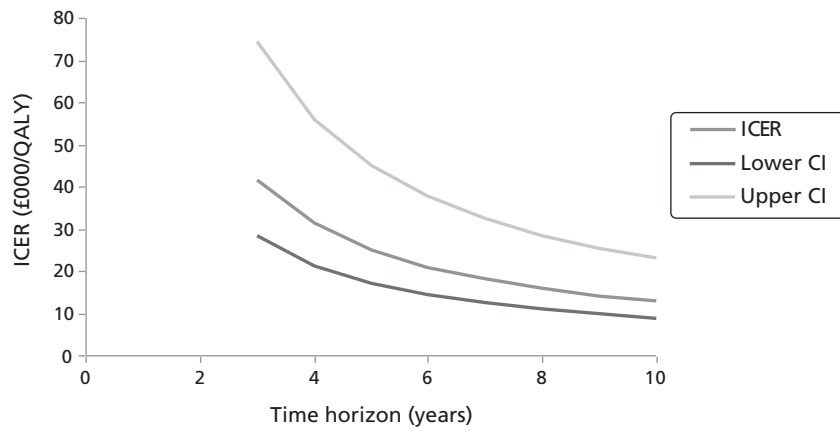


FIGURE 97 Cost-effectiveness of SCIT vs ST (indirect comparison, 6-weekly maintenance schedule).

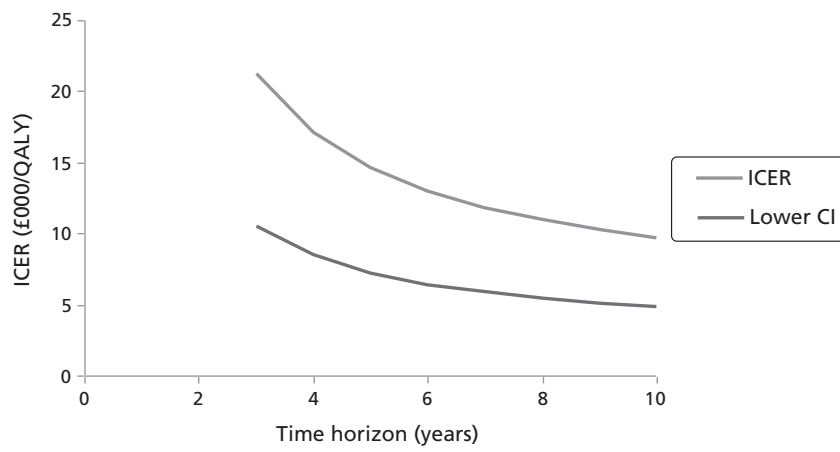


FIGURE 98 Cost-effectiveness of SCIT vs SLIT (6-weekly maintenance schedule).

TABLE 71 Economic evaluation results: SCIT vs SLIT (based on indirect comparisons 6-weekly maintenance schedule)

Cost difference (£) at	
3 years	1417
4 years	1498
5 years	1575
6 years	1650
7 years	1723
8 years	1793
9 years	1860
10 years	1926
RQLQ difference	0.517 (95% CI -0.0710 to 1.045)
ICER (£): costs/unit improvement in RQLQ	2741 (1356 to SLIT dominates)
<i>Total QALY gain in 3 years</i>	0.0668 (95% CI -0.0092 to 0.1351)
ICER (£): costs per QALY	21,203 (95% CI 10,490 to SLIT dominates)
<i>Total QALY gain in 4 years</i>	0.0876 (-0.0120 to 0.1771)
ICER (£): costs per QALY	17,090 (95% CI 8455 to SLIT dominates)
<i>Total QALY gain in 5 years</i>	0.1077 (-0.0148 to 0.2177)
ICER (£): costs per QALY	14,624 (95% CI 7235 to SLIT dominates)
<i>Total QALY gain in 6 years</i>	0.1271 (-0.0175 to 0.2569)
ICER (£): costs per QALY	12,982 (95% CI 6423 to SLIT dominates)
<i>Total QALY gain in 7 years</i>	0.1459 (-0.0200 to 0.2948)
ICER (£): costs per QALY	11,810 (95% CI 5843 to SLIT dominates)
<i>Total QALY gain in 8 years</i>	0.1640 (-0.0225 to 0.3315)
ICER (£): costs per QALY	10,932 (95% CI 5409 to SLIT dominates)
<i>Total QALY gain in 9 years</i>	0.1815 (-0.0249 to 0.3668)
ICER (£): costs per QALY	10,251 (95% CI 5072 to SLIT dominates)
<i>Total QALY gain in 10 years</i>	0.1984 (-0.0272 to 0.4010)
ICER (£): costs per QALY	9707 (95% CI 4802 to SLIT dominates)

'ST dominates' means that ST is more effective and also cheaper.