

SCENARIO 1: Results of EAC's cost analysis (30 patients per year) POST MTAC [no capital costs and 90% of patients undergoing manual and automated exchange have iron overload]

Population	Option	No overload	Mild overload	Moderate overload	Severe overload
Adults	Optia	£48,093	£94,170	£165,808	£179,816
	Manual	£73,105	£190,683	£190,683	£190,683
	TUT	£125,577	£175,663	£175,663	£175,663
Paediatric secondary prevention	Optia	£38,020	£59,837	£93,757	£100,390
	Manual	£50,459	£106,132	£106,132	£106,132
	TUT	£73,444	£97,159	£97,159	£97,159
Paediatric primary prevention	Optia	£34,538	£56,355	£90,275	£96,907
	Manual	£44,542	£100,215	£100,215	£100,215
	TUT	£66,218	£89,934	£89,934	£89,934

Incremental results of EAC's cost analysis (30 patients per year) POST MTAC [no capital costs and 90% of patients undergoing manual and automated exchange have iron overload]

Population	Option	No overload	Mild overload	Moderate overload	Severe overload
Adults	Auto-manual	-£25,011	-£96,512	-£24,874	-£10,867
	Auto-TUT	-£77,483	-£81,493	-£9,855	£4,152
Paediatric secondary prevention	Auto-manual	-£12,439	-£46,294	-£12,374	-£5,742
	Auto-TUT	-£35,424	-£37,322	-£3,402	£3,230
Paediatric primary prevention	Auto-manual	-£10,005	-£43,860	-£9,940	-£3,307
	Auto-TUT	-£31,681	-£33,580	£341	£6,973

Purple shading identifies combinations where Spectra was cost incurring under EAC's assumptions but cost saving with MTAC's assumptions.

Green cells shows combinations which are cost saving under EAC and MTAC's assumptions.

SCENARIO 2: Results of EAC's cost analysis (30 patients per year) POST MTAC [50% capital costs and 90% of patients undergoing manual and automated exchange have iron overload]

Population	Option	No overload	Mild overload	Moderate overload	Severe overload
Adults	Optia	£56,550	£102,627	£174,265	£188,272
	Manual	£73,105	£190,683	£190,683	£190,683
	TUT	£125,577	£175,663	£175,663	£175,663
Paediatric secondary prevention	Optia	£46,477	£68,294	£102,214	£108,846
	Manual	£50,459	£106,132	£106,132	£106,132
	TUT	£73,444	£97,159	£97,159	£97,159
Paediatric primary prevention	Optia	£42,994	£64,811	£98,731	£105,364
	Manual	£44,542	£100,215	£100,215	£100,215
	TUT	£66,218	£89,934	£89,934	£89,934

Incremental results of EAC's cost analysis (30 patients per year) POST MTAC [50% capital costs and 90% of patients undergoing manual and automated exchange have iron overload]

Population	Option	No overload	Mild overload	Moderate overload	Severe overload
Adults	Auto-manual	-£16,555	-£88,056	-£16,418	-£2,410
	Auto-TUT	-£69,027	-£73,037	-£1,399	£12,609
Paediatric secondary prevention	Auto-manual	-£3,983	-£37,838	-£3,918	£2,715
	Auto-TUT	-£26,967	-£28,866	£5,054	£11,687
Paediatric primary prevention	Auto-manual	-£1,548	-£35,404	-£1,484	£5,149
	Auto-TUT	-£23,224	-£25,123	£8,797	£15,430

Purple shading identifies combinations where Spectra was cost incurring under EAC's assumptions but cost saving with MTAC's assumptions.

Green cells shows combinations which are cost saving under EAC and MTAC's assumptions.

SCENARIO 3: Results of EAC's cost analysis (30 patients per year) POST MTAC [100% capital costs and 90% of patients undergoing manual and automated exchange have iron overload]

Population	Option	No overload	Mild overload	Moderate overload	Severe overload
Adults	Optia	£65,006	£111,083	£182,721	£196,729
	Manual	£73,105	£190,683	£190,683	£190,683
	TUT	£125,577	£175,663	£175,663	£175,663
Paediatric secondary prevention	Optia	£54,933	£76,750	£110,670	£117,303
	Manual	£50,459	£106,132	£106,132	£106,132
	TUT	£73,444	£97,159	£97,159	£97,159
Paediatric primary prevention	Optia	£51,450	£73,267	£107,188	£113,820
	Manual	£44,542	£100,215	£100,215	£100,215
	TUT	£66,218	£89,934	£89,934	£89,934

Incremental results of EAC's cost analysis (30 patients per year) POST MTAC [100% capital costs and 90% of patients undergoing manual and automated exchange have iron overload]

Population	Option	No overload	Mild overload	Moderate overload	Severe overload
Adults	Auto-manual	-£8,099	-£79,600	-£7,961	£6,046
	Auto-TUT	-£60,571	-£64,581	£7,058	£21,065
Paediatric secondary prevention	Auto-manual	£4,474	-£29,382	£4,539	£11,171
	Auto-TUT	-£18,511	-£20,409	£13,511	£20,143
Paediatric primary prevention	Auto-manual	£6,908	-£26,947	£6,973	£13,605
	Auto-TUT	-£14,768	-£16,667	£17,253	£23,886

Purple shading identifies combinations where Spectra was cost incurring under EAC's assumptions but cost saving with MTAC's assumptions.