

Epoprostenol, iloprost, bosentan, sitaxentan and sildenafil for the treatment of pulmonary arterial hypertension in adults

Committee meeting – 5 February 2008

Assessment Group Addendum – 31st January 2008

Further analyses

1) No epoprostenol in FCIV, mortality the same as epoprostenol

Table 1 Bosentan with supportive care versus supportive care alone, FCIII

Strategy	Cost (£)	Cost difference (£)	QALYs	QALY difference	ICER (£/QALY)
Supportive care	85,000		1.559		
Bosentan	201,000	116,000	4.447	2.888	40,000

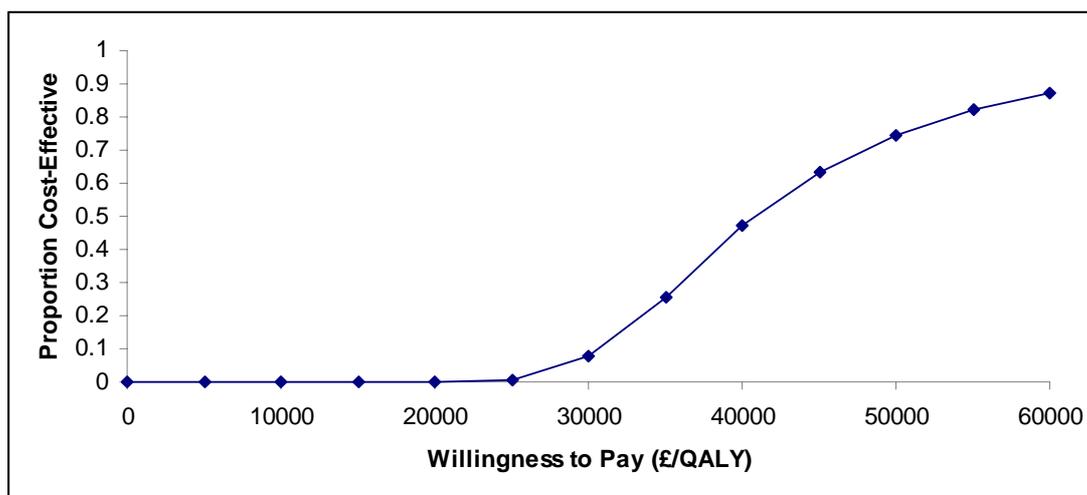


Figure 1 CEAC for bosentan with supportive care versus supportive care alone, FCIII

Table 2 Sitaxentan with supportive care versus supportive care alone, FCIII

Strategy	Cost (£)	Cost difference (£)	QALYs	QALY difference	ICER (£/QALY)
Supportive care	85,000		1.559		
Sitaxentan	188,000	103,000	3.995	2.435	42,000

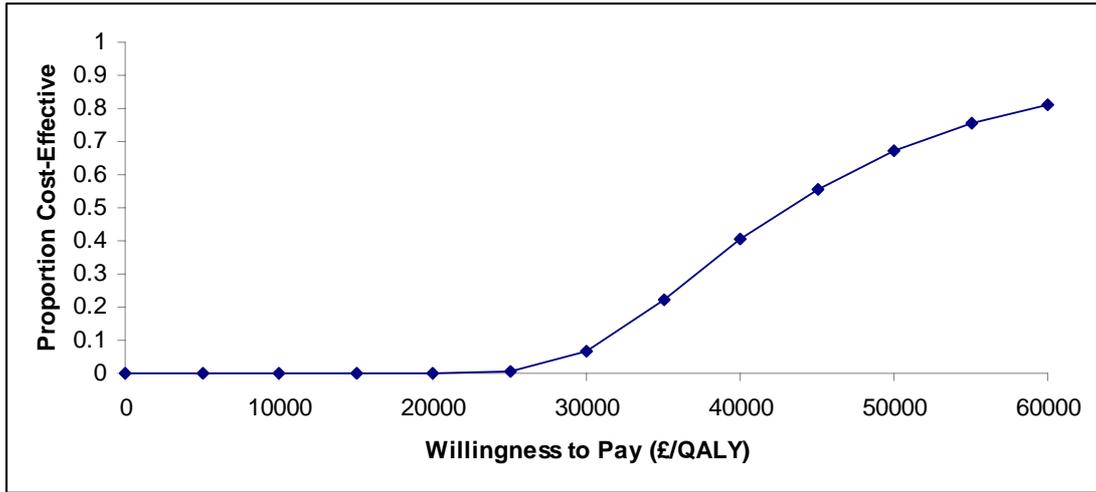


Figure 2 CEAC for sitaxentan with supportive care versus supportive care alone, FCIII

Table 3 Sildenafil with supportive care versus supportive care alone, FCIII

Strategy	Cost (£)	Cost difference (£)	QALYs	QALY difference	ICER (£/QALY)
Supportive care	85,000		1.559		
Sildenafil	96,000	11,000	4.206	2.647	4,000

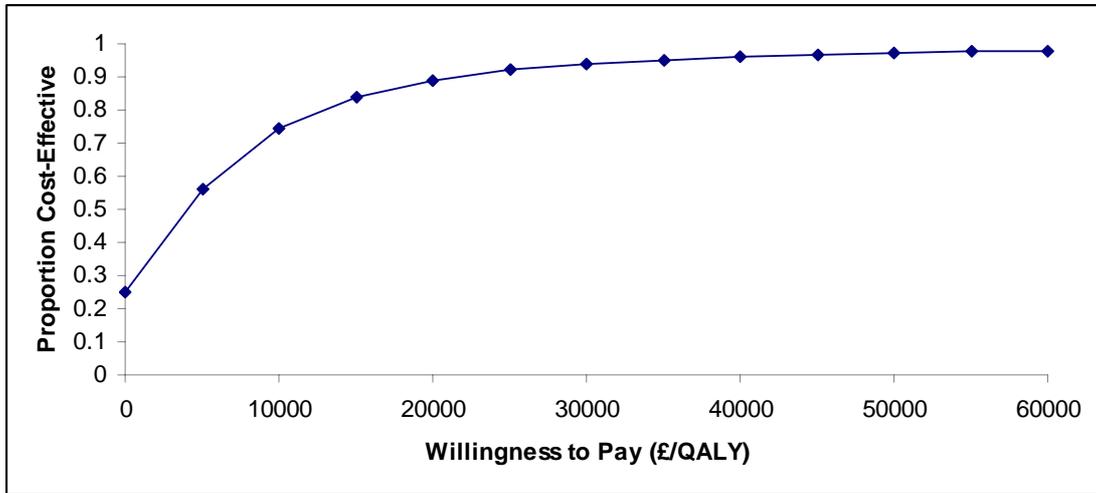


Figure 3 CEAC for sildenafil with supportive care versus supportive care alone, FCIII

No epoprostenol in FCIV, mortality the same as epoprostenol and intermittent care (hospitalisation) for supportive care alone in FCIV

Table 4 Bosentan with supportive care versus supportive care alone, FCIII

Strategy	Cost (£)	Cost difference (£)	QALYs	QALY difference	ICER (£/QALY)
Supportive care	25,000		1.559		
Bosentan	164,000	139,000	4.447	2.888	48,000

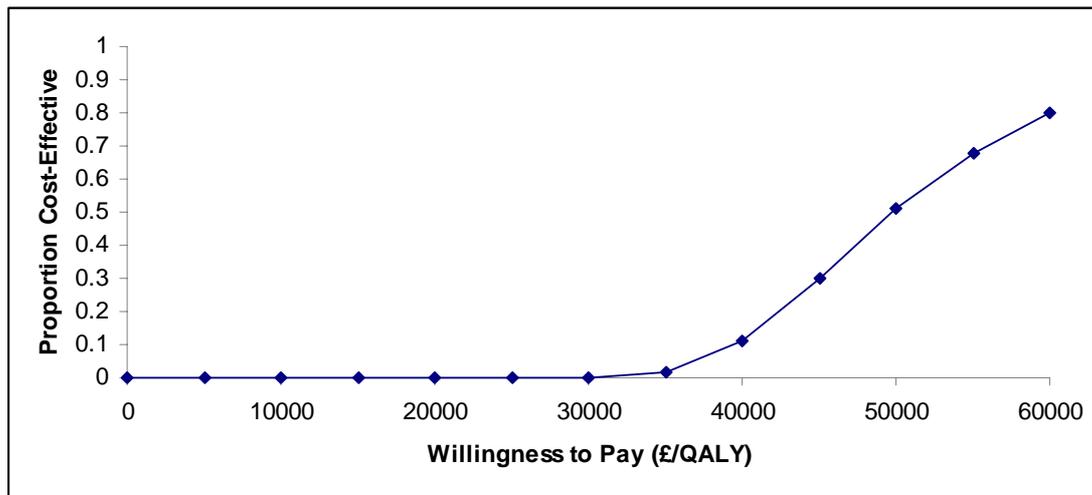


Figure 4 CEAC for bosentan with supportive care versus supportive care alone, FCIII

Table 5 Sitaxentan with supportive care versus supportive care alone, FCIII

Strategy	Cost (£)	Cost difference (£)	QALYs	QALY difference	ICER (£/QALY)
Supportive care	25,000		1.559		
Sitaxentan	151,000	13,000	3.995	2.435	52,000

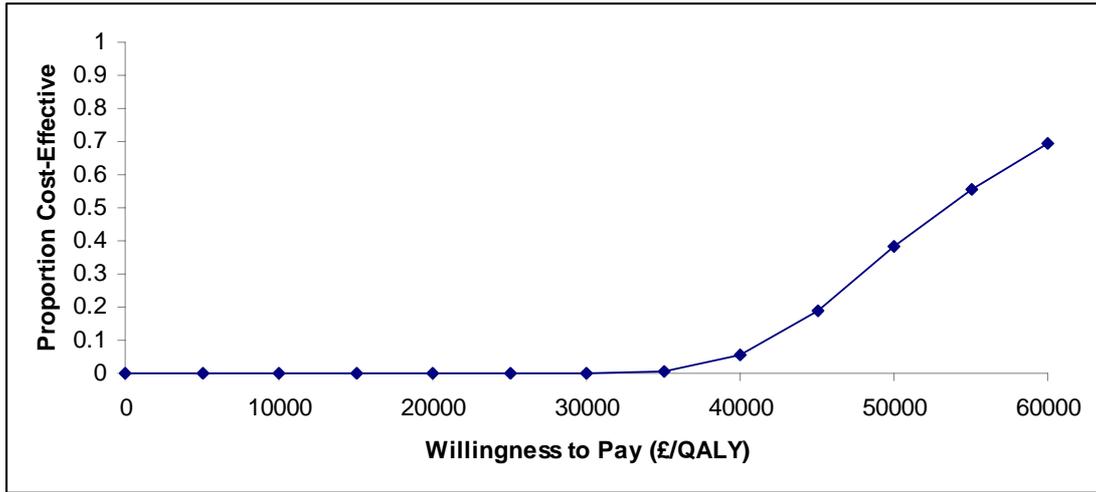


Figure 5 CEAC for sitaxentan with supportive care versus supportive care alone, FCIII

Table 6 Sildenafil with supportive care versus supportive care alone, FCIII

Strategy	Cost (£)	Cost difference (£)	QALYs	QALY difference	ICER (£/QALY)
Supportive care	25,000		1.559		
Sildenafil	59,000	34,000	4.206	2.647	13,000

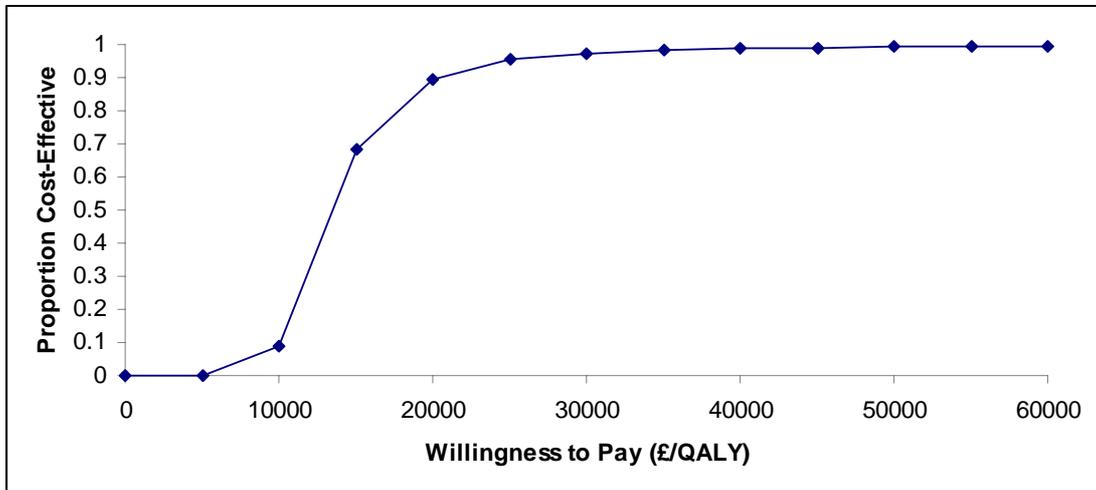


Figure 6 CEAC for sildenafil with supportive care versus supportive care alone, FCIII