

Summary of Findings

Table 3. Summary of Findings – Thromboprophylaxis versus no thromboprophylaxis with outcomes thrombotic complications (including pulmonary embolism), shunt occlusion, hemorrhage, mortality, quality of life (QOL), adverse effects (including pain post injection)

Population: Children with an indication for SCPC/bidirectional Glenn shunt surgery

Intervention: Thromboprophylaxis

Comparator: No thromboprophylaxis

Outcome	Study results and measurements	Absolute effect estimates*		Certainty of the Evidence (Quality of evidence)	Summary
		No thromboprophylaxis	Thromboprophylaxis		
Thrombotic complications (including pulmonary embolism) (critical) Follow-up: 3.5 years post-surgery	Hazard ratio: 0.2 (CI 95% 0.1 – 0.9)	-	-	Very low Due to very serious risk of bias, due to very serious imprecision ¹	The evidence is very uncertain about the effect of thromboprophylaxis on thrombotic complications when compared with no thromboprophylaxis in children with an indication for SCPC/bidirectional Glenn shunt surgery (Manlhiot, 2012)
Shunt occlusion (important)	-	-	-	NO GRADE (No evidence was found)	No evidence was found regarding the effect of thromboprophylaxis on shunt occlusion when compared with no thromboprophylaxis in children with an indication for SCPC/bidirectional Glenn shunt surgery
Hemorrhage (important)	-	-	-	No GRADE (No evidence was found)	No evidence was found regarding the effect of thromboprophylaxis on hemorrhage when compared with no thromboprophylaxis in children with an indication for SCPC/bidirectional Glenn shunt surgery
Mortality (important)	-	-	-	No GRADE (No evidence was found)	No evidence was found regarding the effect of thromboprophylaxis on mortality when compared with no thromboprophylaxis in children with an

Outcome	Study results and measurements	Absolute effect estimates*		Certainty of the Evidence (Quality of evidence)	Summary
		No thromboprophylaxis	Thromboprophylaxis		
					indication for SCPC/bidirectional Glenn shunt surgery
Quality of life (QOL) (important)	-	-	-	No GRADE (No evidence was found)	No evidence was found regarding the effect of thromboprophylaxis on quality of life (QOL) when compared with no thromboprophylaxis in children with an indication for SCPC/bidirectional Glenn shunt surgery
Adverse effects (including pain post injection) (important)	-	-	-	No GRADE (No evidence was found)	No evidence was found regarding the effect of thromboprophylaxis on adverse effects (including pain post injection) when compared with no thromboprophylaxis in children with an indication for SCPC/bidirectional Glenn shunt surgery

*Absolute effect estimates were not provided

1. Risk of Bias: very serious. Patient selection is not clearly described, patients with prior thrombotic events were not excluded, and there was no reporting on missing data; **Inconsistency: not serious.** Not able to assess, as there is just one study. **Imprecision: very serious.** Confidence interval is very wide.