

## F.4 Aortic stenosis – aortic valve area on cardiac CT

Table 17: Clinical evidence profile: aortic valve area on cardiac CT

Quality assessment	No of patients	Effect	Quality	Importance
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No of studies	Design	Risk of bias	Inconsistency	Indirectness	Imprecision	Other considerations	Aortic valve area on CT	Control	Relative (95% CI)		
<b>Aortic valve area ≤1.2 cm<sup>2</sup> vs &gt;1.2 cm<sup>2</sup> for predicting mortality under medical treatment - adjusted for age-adjusted Charlson score index, sex, symptoms, mean gradient and LVEF (symptomatic/asymptomatic AS) (follow-up mean 3.2 years)</b>											
1	cohort studies	serious <sup>1</sup>	no serious inconsistency	no serious indirectness	no serious imprecision	none	175	94	HR 3.16 (1.6 to 6.26)	⊕⊕⊕○	MODERATE
<b>Aortic valve area ≤1.0 cm<sup>2</sup> vs &gt;1.0 cm<sup>2</sup> for predicting mortality under medical treatment - adjusted for age-adjusted Charlson score index, sex, symptoms, mean gradient and LVEF (symptomatic/asymptomatic AS) (follow-up mean 3.2 years)</b>											
1	cohort studies	serious <sup>1</sup>	no serious inconsistency	no serious indirectness	serious <sup>2</sup>	none	126	143	HR 1.43 (0.77 to 2.64)	⊕⊕○○	LOW

<sup>1</sup> Downgraded by 1 increment if the majority of the evidence was at high risk of bias, and downgraded by 2 increments if the majority of the evidence was at very high risk of bias

<sup>2</sup> 95% CI crosses null line