E.4 Aortic stenosis – aortic valve area on CT

Figure 20: Aortic valve area ≤1.2 cm² compared to >1.2 cm² on CT in AS patients undergoing CT and echocardiography in same episode of care (45% with NYHA class III/IV, mean aortic valve area 0.94 cm²)

		AVA	A ≤ 1.2 cm2 on CT AVA > 1.2	Hazard Ratio	Hazard Ratio								
Study or Subgroup	log[Hazard Ratio]	SE	Total	Total	IV, Fixed, 95% CI	IV, Fixed, 95% CI							
23.1.1 Mortality unde	er medical treatmen	t - adjusted											
Clavel 2015	1.1506	0.3485	175	94	3.16 [1.60, 6.26]				-	-			
						0.1	0.2	0.5) (10	
						0		/A ≤ 1.2 on C1	on CT Favours AVA > 1.2 on CT				

Figure 21: Aortic valve area ≤1.2 cm² compared to >1.2 cm² on CT in AS patients undergoing CT and echocardiography in same episode of care (45% with NYHA class III/IV, mean aortic valve area 0.94 cm²)

-	-	AVA :	≤1.0 cm2 on CT AVA >1.0	Hazard Ratio	Hazard Ratio						
Study or Subgroup	log[Hazard Ratio]	SE	Total	Total	IV, Fixed, 95% CI	IV, Fixed, 95% CI					
24.1.1 Mortality unde	er medical treatmen	t - adjusted									
Clavel 2015	0.3577	0.3128	126	143	1.43 [0.77, 2.64]	+					
					I	0.1 0.2	0.5	1 2		10	
						Favours AV	/A ≤ 1.0 on CT	Favours AVA > 1.0 on CT			