Study	Events nCT	Total nCT	Events nCRT	Total nCRT	Odds Ratio	OR	95% CI	Weight
Markar et al.⁴1, 2017	5	221	13	221		0.37	[0.13; 1.06]	35.64%
Goense et al.40, 2017	5	84	6	84		0.82	[0.24; 2.81]	26.02%
Visser et al.42, 2018	3	131	3	131		1.00	[0.20; 5.05]	14.96%
Spicer et al.38, 2016	6	114	4	100		1.33	[0.37; 4.87]	23.39%
					i			
Random effects model	19	550	26	536		0.71	[0.28; 1.84]	100.00%
Prediction interval							[0.18; 2.82]	
Heterogeneity: $I^2 = 0\%$ [0%]	; 85%], τ ² =	= 0, p = 0.	455					
Test for overall effect: $t_3 = -$	1.13 (p = 0)).340)			0.2 0.5 1 2 5			

Study	Events nCT	Total nCT	Events nCRT	Total nCRT	Odds Ratio	OR	95% CI	Weight
Favi et al.[39], 2017	28	40	31	40		0.68	[0.25; 1.85]	6.25%
Stahl et al.[44], 2017	41	59	45	60		0.76	[0.34; 1.70]	9.57%
Spicer et al.[38], 2016	78	114	73	100	-	0.80	[0.44; 1.45]	17.09%
Luc et al.[36], 2014	40	57	40	54		0.82	[0.36; 1.89]	8.98%
Burmeister et al.[43], 2011	36	36	39	39	•	0.92	[0.02; 47.78]	0.41%
Markar et al.[41], 2017	183	221	182	221	-	1.03	[0.63; 1.69]	24.01%
Goense et al.[40], 2017	72	86	68	86		1.36	[0.63; 2.95]	10.35%
Visser et al.[42], 2018	97	125	87	130	! == -	1.71	[0.98; 2.99]	19.14%
Münch et al.[37],2017	60	64	47	56	*	2.89	[0.84; 9.88]	4.20%
Random effects model	635	802	612	786	\	1.08	[0.80; 1.46]	100.00%
Prediction interval							[0.75; 1.56]	
Heterogeneity: $I^2 = 5\%$ [0%]	; 67%], τ ² <	0.01, p =	= 0.394					
Test for overall effect: $t_8 = 0$	0.62 (p = 0.62)	551)			0.1 0.5 1 2 10			

Author	logsurv12prob	se	12-month survival prob	Surv. Prob.	ci v	v.random	
subgroup = nCT							
Stahl et al. [44], 2017	-0.36	0.09		0.60	[0.59; 0.82]	4.9%	
Favi et al. (39), 2017	-0.33	0.10			[0.59; 0.88]	3.8%	
Spicer et al. [38], 2016	-0.24	0.05			[0.71; 0.87]		
					S	13.0%	
Visser et al. [42], 2018	-0.20	0.04			[0.75; 0.89]	17.7%	
Goense et al. (40), 2017	-0.19	0.05	=		[0.75; 0.91]	13.7%	
Markar et al.[41], 2017	-0.18	0.03	= _		[0.79; 0.89]	31.0%	
Luc et al. ^[36] , 2014	-0.10	0.05	-		[0.83; 0.99]	15.8%	
Random effects model (HK)			•	0.82	[0.76; 0.88]	100.0%	
Heterogeneity: $I^2 = 45\%$ [0%; 77%],	$T^2 = 0.0016, p = 0.09$						
subgroup = nCRT							
Luc et al. ^[36] , 2014	-0.28	0.08		0.76	[0.65; 0.88]	6.6%	
Favi et al. ^[39] , 2017	-0.27	0.09		0.76	[0.64; 0.91]	4.9%	
Stahl et al.[44], 2017	-0.27	0.07		0.76	[0.66; 0.88]	7.5%	
Goense et al.[40], 2017	-0.25	0.06		0.78	[0.70; 0.87]	11.5%	
Visser et al.[42], 2018	-0.23	0.05	-	0.80	[0.73; 0.87]	16.3%	
Markar et al.[41], 2017	-0.19	0.03	-	0.83	[0.78; 0.88]	32.4%	
Spicer et al. [38], 2016	-0.14	0.04	-	0.87	[0.80; 0.94]	20.8%	
Random effects model (HK)			•		[0.78; 0.85]	100.0%	
Heterogeneity: $I^2 = 0\% [0\%; 71\%], \tau$	$r^2 = 0.0003$, $p = 0.44$						
- Le							
			0.3				

Supplementary Figure 3

Study	Events nCT	Total nCT	Events nCRT	Total nCRT	Odds Ratio	OR	95% CI	Weight
Stahl et al.[44], 2017	25	59	36	60	-	0.49	[0.24; 1.02]	10.27%
Luc et al. [36], 2014	22	57	26	54	-	0.68	[0.32; 1.44]	9.84%
Markar et al.[41], 2017	132	221	144	221	=	0.79	[0.54; 1.17]	19.16%
Spicer et al.[38], 2016	50	114	47	100	-	0.88	[0.51; 1.51]	14.51%
Burmeister et al.[43], 2011	36	36	39	39		0.92	[0.02; 47.78]	0.54%
Visser et al.[42], 2018	64	125	57	130	-	1.34	[0.82; 2.20]	15.81%
Favi et al.[39], 2017	15	40	12	40		1.40	[0.55; 3.55]	7.32%
Goense et al.[40], 2017	51	86	39	86	-	1.76	[0.96; 3.21]	12.88%
Münch et al.[37], 2017	46	64	33	56	-	1.83	[0.85; 3.93]	9.67%
Random effects model	441	802	433	786	*	1.03	[0.73; 1.45]	100.00%
Prediction interval							[0.49; 2.16]	
Heterogeneity: $I^2 = 42\%$ [0%]	%; 73%], τ ²	= 0.08, p	= 0.085		1 1 1 1			
Test for overall effect: $t_8 = 0$	0.18 (p = 0.18)	.858)			0.1 0.5 1 2 10			

Supplementary Figure 4

Author	logsurv18prob	se	24-month survival prob	Surv. Prob.	ci	w.random
subgroup = nCT						
Stahl et al.[44], 2017	-0.83	0.15		0.44	[0.33; 0.58]	5.6%
Favi et al. (39), 2017	-0.59	0.15			[0.41; 0.75]	5.2%
Goense et al. [40], 2017	-0.52	0.09			[0.50; 0.71]	13.2%
Spicer et al. ^[38] , 2016	-0.47	0.08			[0.53; 0.73]	15.9%
Markar et al. ^[41] , 2017	-0.46	0.05	-		[0.57; 0.70]	26.8%
Visser et al.[42], 2018	-0.46	0.07	_ _		[0.55; 0.73]	18.2%
Luc et al. ^[36] , 2014	-0.25	0.08			[0.66; 0.91]	15.1%
Random effects model (HK)					[0.54; 0.71]	100.0%
Heterogeneity: $I^2 = 56\%$ [0%; 81%]], $\tau^2 = 0.0099$, $p = 0.03$	3				
subgroup = nCRT						
Favi et al.[39], 2017	-0.68	0.17		0.51	[0.36; 0.71]	4.6%
Goense et al. 40, 2017	-0.57	0.10		0.57	[0.47; 0.68]	12.4%
Luc et al. [36], 2014	-0.56	0.12		0.57	[0.45; 0.73]	8.5%
Visser et al. [42], 2018	-0.55	0.08		0.58	[0.49; 0.68]	15.9%
Stahl et al.[44], 2017	-0.52	0.11		0.59	[0.48; 0.73]	10.5%
Markar et al.[41], 2017	-0.42	0.05		0.65	[0.59; 0.72]	30.7%
Spicer et al.[38], 2016	-0.40	0.08		0.67	[0.57; 0.78]	17.5%
Random effects model (HK)			•	0.61	[0.57; 0.66]	100.0%
Heterogeneity: $I^2 = 0\%$ [0%; 71%],	$\tau^2 = 0.0012, p = 0.44$					
			0.3 1			

Supplementary Figure 5

Study	Events nCT	Total nCT	Events nCRT	Total nCRT	Odds Ratio	OR	95% CI	Weight
			c.r	Heiti				
Luc et al. 36, 2014	10	57	21	54		0.33	[0.14; 0.80]	10.60%
Stahl et al.[44], 2017	15	59	27	60		0.42	[0.19; 0.91]	11.53%
Markar et al.[41], 2017	89	221	117	221		0.60	[0.41; 0.87]	15.31%
Burmeister et al.[43],2011	33	36	36	39		0.92	[0.17; 4.86]	5.31%
Spicer et al.[38], 2016	31	114	28	100	_	0.96	[0.53; 1.75]	13.25%
Visser et al.[42], 2018	48	125	46	130		1.14	[0.68; 1.89]	14.13%
Münch et al.[37], 2017	34	64	26	56	-	1.29	[0.63; 2.65]	12.09%
Favi et al.[39], 2017	4	40	2	40		— 2.11	[0.36; 12.24]	4.94%
Goense et al.[40], 2017	44	86	22	86	_ 	3.05	[1.60; 5.80]	12.83%
Random effects model	308	802	325	786		0.93	[0.54; 1.60]	100.00%
Prediction interval							[0.21; 4.01]	
Heterogeneity: $I^2 = 73\%$ [47]	7%; 86%], τ	2 = 0.33,	<i>p</i> < 0.001			7		
Test for overall effect: t_8 = -	0.32 (p = 0)).754)			0.1 0.5 1 2	10		

Author	logsurv18prob	se	36-month survival prob	Surv. Prob.	ci	w.random
subgroup = nCT						
Stahl et al.[44], 2017	-1.34	0.22		0.26	[0.17; 0.40]	4.5%
Spicer et al.[38], 2016	-0.77	0.12	— 	0.46	[0.37; 0.58]	14.6%
Visser et al. [42], 2018	-0.69	0.10	-	0.50	[0.41; 0.60]	20.0%
Goense et al. 40, 2017	-0.69	0.11		0.50	[0.40; 0.62]	16.6%
Markar et al.[41], 2017	-0.65	0.07		0.52	[0.46; 0.59]	35.1%
Luc et al. [36], 2014	-0.50	0.15	-	0.61	[0.45; 0.81]	9.3%
Favi et al.[39], 2017						0.0%
Random effects model (HK)			-	0.50	[0.42; 0.59]	100.0%
Heterogeneity: $I^2 = 54\%$ [0%; 82	%], $\tau^2 = < 0.0001$, $p = 0$.	05				
subgroup = nCRT						
Visser et al. [42], 2018	-0.77	0.10	-	0.46	[0.38; 0.57]	15.4%
Stahl et al.[44], 2017	-0.75	0.14		0.47	[0.36; 0.62]	9.6%
Goense et al.[40], 2017	-0.70	0.12		0.50	[0.39; 0.63]	12.6%
Spicer et al.[38], 2016	-0.62	0.11	-	0.54	[0.44; 0.67]	14.5%
Luc et al. [36], 2014	-0.60	0.13	— * —	0.55	[0.43; 0.71]	10.9%
Markar et al.[41], 2017	-0.55	0.06	-	0.58	[0.51; 0.65]	37.1%
Favi et al. 39, 2017						0.0%
Random effects model (HK)			•	0.53	[0.48; 0.58]	100.0%
Heterogeneity: $I^2 = 0\%$ [0%; 75%]	6], $\tau^2 = 0.0021$, $p = 0.46$					
			0.1 1			

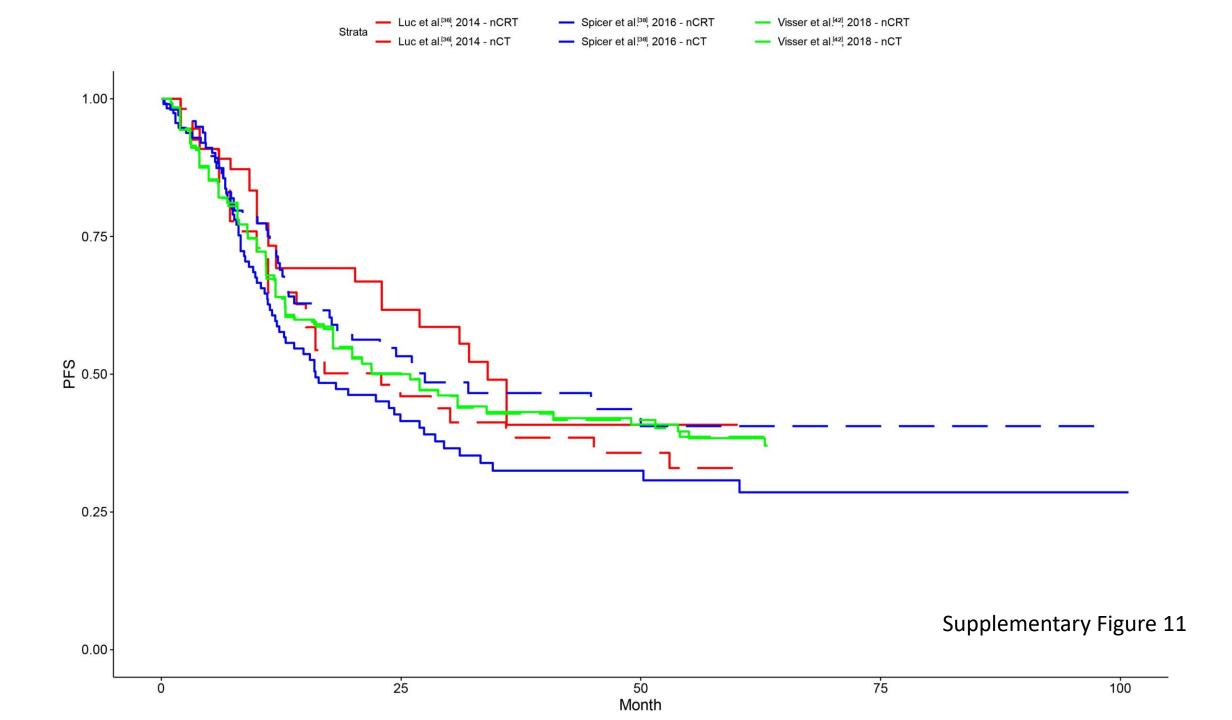
Supplementary Figure 7

Study	Events nCT	Total nCT	Events nCRT	Total nCRT	Odds Ratio	OR	95% CI	Weight
Luc et al. 36, 2014	7	57	16	54		0.33	[0.12; 0.89]	12.48%
Stahl et al.[44], 2017	15	59	21	60	- +	0.63	[0.29; 1.40]	14.71%
Burmeister et al.[43], 2011	33	36	36	39		0.92	[0.17; 4.86]	6.91%
Visser et al.[42], 2018	48	125	46	130	_	1.14	[0.68; 1.89]	18.18%
Spicer et al.[38], 2016	24	114	15	100	 	1.51	[0.74; 3.07]	15.70%
Münch et al.[37], 2017	34	64	22	56	 = -	1.69	[0.82; 3.49]	15.50%
Goense et al. ^[40] , 2017	44	86	22	86	-	3.05	[1.60; 5.80]	16.53%
Random effects model	205	541	178	525		1.15	[0.59; 2.24]	100.00%
Prediction interval							[0.22; 5.97]	
Heterogeneity: $I^2 = 67\%$ [27]	'%; 85%], τ	$e^2 = 0.34$,	p = 0.005					
Test for overall effect: $t_6 = 0$	0.53 (p = 0.53)	.616)			0.2 0.5 1 2 5			

Author	logsurv18prob	se	48-month survival prob	Surv. Prob.	ci	w.random
subgroup = nCT						
Stahl et al. [44], 2017	-1.34	0.22		0.26 [0.17; 0.40]	11.4%
Spicer et al.[38], 2016	-0.87	0.13	— 	0.42 [0.32; 0.54]	32.0%
Visser et al. [42], 2018	-0.81	0.11	— —	0.45 [0.36; 0.55]	46.3%
Luc et al. [36], 2014	-0.75	0.23		0.47 [0.30; 0.74]	10.2%
Favi et al.[39], 2017						0.0%
Goense et al. 40, 2017						0.0%
Markar et al.[41], 2017						0.0%
Random effects model (HK)				0.41 [0	0.29; 0.57]	100.0%
Heterogeneity: $I^2 = 40\%$ [0%; 80%	p , $T^2 = 0.0089$, $p = 0.1$	7				
subgroup = nCRT						
Spicer et al. [38], 2016	-0.95	0.17		0.39 [0.28; 0.54]	19.0%
Stahl et al. [44], 2017	-0.91	0.16		0.40 [0.29; 0.55]	20.9%
Visser et al. 42, 2018	-0.86	0.12	-	0.42 [0.34; 0.53]	40.6%
Luc et al. [36], 2014	-0.81	0.17		0.45 [0.32; 0.62]	19.5%
Favi et al. ^[39] , 2017						0.0%
Goense et al. 40, 2017						0.0%
Markar et al.[41], 2017						0.0%
Random effects model (HK)			•	0.42 [0	0.38; 0.45]	100.0%
Heterogeneity: $I^2 = 0\%$ [0%; 85%]	$T^{2} = 0, p = 0.93$					
			0.1 1			

Supplementary Figure 9

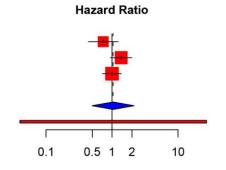
Study	Events nCT	Total nCT	Events nCRT	Total nCRT	Odds Ratio	OR	95% CI	Weight
Luc et al.[36], 2014	3	57	10	54		0.24	[0.06; 0.94]	9.89%
Stahl et al.[44], 2017	14	59	21	60	- +	0.58	[0.26; 1.29]	15.32%
Burmeister et al.[43], 2011	33	36	36	39		0.92	[0.17; 4.86]	7.67%
Visser et al.[42], 2018	48	125	46	130	-	1.14	[0.68; 1.89]	18.63%
Spicer et al.[38], 2016	18	114	11	100	 	1.52	[0.68; 3.39]	15.29%
Münch et al.[37], 2017	31	64	20	56	+ =	1.73	[0.83; 3.60]	16.07%
Goense et al.[40], 2017	44	86	22	86	-	3.05	[1.60; 5.80]	17.13%
					1			
Random effects model	191	541	166	525		1.15	[0.56; 2.35]	100.00%
Prediction interval							[0.19; 6.79]	
Heterogeneity: $I^2 = 66\%$ [24]	ι%; 85%], τ	$c^2 = 0.39$,	p = 0.007					
Test for overall effect: $t_6 = 0$	0.47 (p = 0)	.658)			0.1 0.5 1 2 10			



Study	logHR	SE(logHR)
Luc et al.[36], 2014	-0.3095	0.2655
Spicer et al.[44], 2016	0.3184	0.1905
Visser et al. [42], 2018	-0.0043	0.1673

Random effects model (HK) Prediction interval

Heterogeneity: $I^2 = 49\%$ [0%; 85%], $\tau^2 = 0.0389$, p = 0.14



HR	9	5%-CI	Weight
0.73	[0.44;	1.23]	24.4%
1.37	[0.95;	2.00]	35.6%
1.00	[0.72;	1.38]	40.0%
1.04			100.0%
	[0.04; 2	26.88]	

Study	Events nCT	Total nCT	Events nCRT	Total nCRT	Odds Ratio	OR	95% CI	Weight
Luc et al. ^[36] , 2014	30	57	33	54		0.71	[0.33; 1.50]	19.99%
Spicer et al.[38], 2016	60	114	59	100		0.77	[0.45; 1.33]	37.46%
Visser et al.[42], 2018	78	123	76	130	-	1.23	[0.74; 2.04]	42.55%
					1			
Random effects model	168	294	168	284		0.93	[0.44; 1.97]	100.00%
Prediction interval							[0.08; 10.43]	
Heterogeneity: $I^2 = 7\%$ [0%]	; 90%], τ ² <	0.01, p =	= 0.343					
Test for overall effect: t_2 = -	0.44 (p = 0.000)	0.702)			0.1 0.5 1 2 10			

Author	logsurv12prob	se	12-month survival prob	Surv. Prob.	ci v	v.random
subgroup = nCRT						
Visser et al. [42], 2018	-0.45	0.07		0.64 [0	0.56; 0.73]	32.6%
Spicer et al.[38], 2016	-0.34	0.07		0.71 [0	0.63; 0.81]	33.7%
Spicer et al. [38], 2016	-0.34	0.07		0.71 [0	0.63; 0.81]	33.7%
Random effects model (HK)				0.69 [0	.59; 0.81]	100.0%
Heterogeneity: $I^2 = 0\% [0\%; 90\%]$], $\tau^2 = 0$, $p = 0.39$					
subgroup = nCT						
Spicer et al.[38], 2016	-0.52	0.08	— —	0.60 [0	0.51; 0.70]	31.9%
Visser et al.[42], 2018	-0.45	0.07	— —	0.64 [0	0.56; 0.73]	44.5%
Luc et al. ^[36] , 2014	-0.37	0.09		0.69 [0	0.58; 0.83]	23.7%
Random effects model (HK)				0.64 [0	.54; 0.75]	100.0%
Heterogeneity: $I^2 = 0\% [0\%; 90\%]$], $T^2 = 0$, $p = 0.48$					
			0.3 1			

0.34; 1.57] 19.40%
0.47; 1.44] 35.74%
0.73; 2.00] 44.86%
0.49; 1.86] 100.00%
0.11; 8.50]
0

Author	logsurv18prob	se	24-month survival prob	Surv. Prob.	ci	w.random
subgroup = nCRT						
Visser et al.[42], 2018	-0.69	0.09		0.50	[0.42; 0.60]	36.9%
Spicer et al.[38], 2016	-0.60	0.10		0.55	[0.45; 0.67]	31.5%
Spicer et al.[38], 2016	-0.60	0.10		0.55	[0.45; 0.67]	31.5%
Random effects model (HK)				0.53	[0.47; 0.60]	100.0%
Heterogeneity: $I^2 = 0\% [0\%; 90\%],$	$T^2 = 0, p = 0.75$					
subgroup = nCT						
Spicer et al.[38], 2016	-0.82	0.11		0.44	[0.35; 0.55]	28.6%
Visser et al. [42], 2018	-0.69	0.09		0.50	[0.42; 0.60]	43.4%
Luc et al. ^[36] , 2014	-0.48	0.11		0.62	[0.49; 0.77]	28.0%
Random effects model (HK)				0.51	[0.34; 0.78]	100.0%
Heterogeneity: $I^2 = 56\%$ [0%; 88%]], $\tau^2 = 0.0150$, $p = 0.10$	0				
		(0.3			

Study	Events nCT	Total nCT	Events nCRT	Total nCRT	Odds Ratio	OR	95% CI	Weight
Luc et al. ^[36] , 2014	8	57	13	54		0.51	[0.19; 1.36]	15.98%
Spicer et al.[38], 2016	23	114	21	100	-	0.95	[0.49; 1.85]	33.20%
Visser et al.[42], 2018	42	123	40	130	-	1.17	[0.69; 1.98]	50.82%
Random effects model	73	294	74	284		0.96	[0.40; 2.28]	100.00%
Prediction interval							[0.06; 15.67]	
Heterogeneity: $I^2 = 5\%$ [0%]	; 90%], τ ² <	0.01, p	= 0.350					
Test for overall effect: $t_2 = -$	0.22 (p = 0.000)).846)			0.1 0.5 1 2 10			

Author	logsurv18prob	se	36-month survival prob	Surv. Prob.	ci w.random
subgroup = nCRT					
Visser et al. [42], 2018	-0.85	0.11		0.43 [0.35; (0.53] 38.9%
Spicer et al.[38], 2016	-0.76	0.12		0.47 [0.37; 0	0.59] 30.6%
Spicer et al.[38], 2016	-0.76	0.12	— 	0.47 [0.37; 0	0.59] 30.6%
Random effects model (HK)			•	0.45 [0.40; 0	0.51] 100.0%
Heterogeneity: $I^2 = 0\% [0\%; 90\%],$	$T^2 = 0, p = 0.84$				
subgroup = nCT					
Spicer et al.[38], 2016	-1.12	0.15		0.32 [0.24; 0	0.44] 25.9%
Visser et al. [42], 2018	-0.84	0.11		0.43 [0.35; 0	0.53] 51.5%
Luc et al. ^[36] , 2014	-0.71	0.16		0.49 [0.36; 0	0.67] 22.6%
Random effects model (HK)				0.41 [0.25; 0	0.67] 100.0%
Heterogeneity: $I^2 = 47\%$ [0%; 84%]], $\tau^2 = 0.0165$, $p = 0.15$	5			
			0.1 1		

Study	Events nCT	Total nCT	Events nCRT	Total nCRT		0	dds Rati	io		OR	95% CI	Weight
Luc et al.[36], 2014	7	57	12	54		1. 	-			0.49	[0.18; 1.36]	21.91%
Spicer et al.[38], 2016	19	114	14	100			-			1.23	[0.58; 2.60]	33.17%
Visser et al.[42], 2018	35	123	30	130						1.33	[0.75; 2.33]	44.91%
Random effects model	61	294	56	284		22	\Rightarrow			1.04	[0.31; 3.51]	100.00%
Prediction interval											[0.01; 209.93]	
Heterogeneity: $I^2 = 32\%$ [0%; 93%], $\tau^2 = 0.09$, $p = 0.232$						ı			ļ			
Test for overall effect: $t_2 = 0$		0.01	0.1	1	10	100						

Author	logsurv18prob	se	48-month survival prob	Surv. Prob.	ci v	w.random
subgroup = nCRT						
Visser et al. [42], 2018	-0.88	0.11	-	0.42 [0.3	33; 0.52]	43.1%
Spicer et al.[38], 2016	-0.83	0.14		0.44 [0.3	33; 0.57]	28.4%
Spicer et al.[38], 2016	-0.83	0.14	— 	0.44 [0.3	33; 0.57]	28.4%
Random effects model (HK)			•	0.43 [0.4	0; 0.46]	100.0%
Heterogeneity: $I^2 = 0\% [0\%; 90\%],$	$T^2 = 0, p = 0.95$					
subgroup = nCT						
Spicer et al.[38], 2016	-1.12	0.15		0.32 [0.2	24; 0.44]	29.2%
Luc et al. [36], 2014	-0.90	0.21		0.41 [0.2	27; 0.61]	15.7%
Visser et al. [42], 2018	-0.87	0.11		0.42 [0.3	34; 0.52]	55.1%
Random effects model (HK)				0.39 [0.2	7; 0.55]	100.0%
Heterogeneity: $I^2 = 0\% [0\%; 90\%]$,	$T^2 = 0.0031, p = 0.38$					
			0.1 1			

Study	Events nCT	Total nCT	Events nCRT	Total nCRT		Od	dds Rat	io		OR	95% CI	Weight
Luc et al. ^[36] , 2014	7	57	12	54		-	-			0.49	[0.18; 1.36]	23.22%
Spicer et al.[38], 2016	14	114	10	100			-			1.26	[0.53; 2.98]	29.44%
Visser et al.[42], 2018	35	123	30	130						1.33	[0.75; 2.33]	47.33%
Random effects model	56	294	52	284		-	\Rightarrow	-		1.04	[0.30; 3.64]	100.00%
Prediction interval								242			[0.00; 233.29]	
Heterogeneity: $I^2 = 32\%$ [0%]	%; 93%], τ ²	= 0.10, p	= 0.230			I	ı	ı	1			
Test for overall effect: $t_2 = 0$		0.01	0.1	1	10	100						

Study	Events nCT	Total nCT	Events nCRT	Total nCRT	Odds Ratio	OR	95% CI	Weight
Stahl et al.[44], 2017	35	48	37	45		0.58	[0.22; 1.57]	29.08%
Goense et al.[40], 2017	57	86	61	86	-	0.81	[0.42; 1.54]	69.07%
Burmeister et al.[43], 2011	36	36	39	39		0.92	[0.02; 47.78]	1.85%
					<u> </u>			
Random effects model	128	170	137	170		0.73	[0.47; 1.16]	100.00%
Prediction interval							[0.02; 23.78]	
Heterogeneity: $I^2 = 0\%$ [0%;	90%], τ^2 =	0, p = 0.	860					
Test for overall effect: $t_2 = -2$	2.90 (p = 0)).101)			0.1 0.5 1 2 10			

Study	Events nCT	Total nCT	Events nCRT	Total nCRT	Odds Ratio	OR	95% CI	Weight
Stahl et al.[44], 2017	20	48	30	45	=	0.36	[0.15; 0.83]	42.99%
Burmeister et al.[43], 2011	36	36	39	39		0.92	[0.02; 47.78]	5.27%
Goense et al.[40], 2017	44	86	36	86	į .	1.46	[0.80; 2.66]	51.73%
Random effects model	100	170	105	170		0.78	[0.10; 6.18]	100.00%
Prediction interval				10			[0.00; 13181.30]	
Heterogeneity: $I^2 = 72\%$ [4%]	%; 92%], τ ²	= 0.36, p	= 0.030					
Test for overall effect: t_2 = -	0.52 (p = 0.52)).652)			0.001 0.1 1 10 1000			

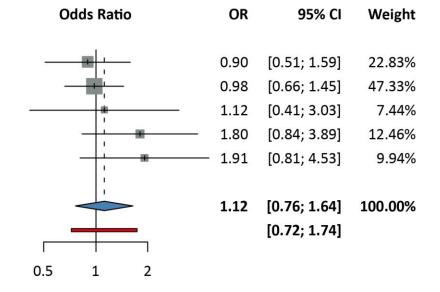
Study	Events nCT	Total nCT	Events nCRT	Total nCRT	Odds Ratio	OR	,	95% CI	Weight
Stahl et al.[44], 2017	14	48	22	45	=	0.43	[0.18;	1.01]	36.92%
Burmeister et al.[43], 2011	33	36	36	39		0.92	[0.17;	4.86]	22.30%
Goense et al.[40], 2017	37	86	20	86	-	2.49	[1.29;	4.81]	40.78%
Random effects model	84	170	78	170		1.04	[0.10;	11.05]	100.00%
Prediction interval						•	[0.00; 2141	61.82]	
Heterogeneity: $I^2 = 81\%$ [39	%; 94%], τ	2 = 0.63,	p = 0.006						
Test for overall effect: $t_2 = 0$.08 ($p = 0$.	946)			0.001 0.1 1 10 1000				

Study	Events nCT	Total nCT	Events nCRT	Total nCRT	Odds Rat	tio	OR	95% CI	Weight
Münch et al.[37], 2017	21	64	41	56	-		0.17	[0.08; 0.38]	20.63%
Luc et al. [36], 2014	4	61	3	55	-		1.22	[0.26; 5.69]	13.06%
Markar et al.[41], 2017	14	221	10	221		—	1.43	[0.62; 3.29]	20.19%
Burmeister et al.[43], 2011	4	36	3	39		-	1.50	[0.31; 7.22]	12.83%
Visser et al.[42], 2018	10	99	6	92	-	•	1.61	[0.56; 4.62]	17.79%
Stahl et al.[44], 2017	8	48	4	45			2.05	[0.57; 7.35]	15.50%
Random effects model	61	529	67	508			0.98	[0.35; 2.77]	100.00%
Prediction interval								[0.08; 11.53]	
Heterogeneity: $I^2 = 76\%$ [47]	′%; 89%], τ	$c^2 = 0.62$,	<i>p</i> < 0.001						
Test for overall effect: $t_5 = -$	0.05 (p = 0.05)).966)			0.1 0.5 1	2 10			

Study	Events nCT	Total nCT	Events nCRT	Total nCRT
Visser et al.[42], 2018	49	99	48	92
Markar et al.[41], 2017	74	221	75	221
Burmeister et al.[43], 2011	11	36	11	39
Münch et al.[37], 2017	32	61	18	48
Stahl et al.[44], 2017	21	48	13	45
Random effects model Prediction interval	187	465	165	445

Heterogeneity: $I^2 = 0\%$ [0%; 79%], $\tau^2 = 0$, p = 0.409

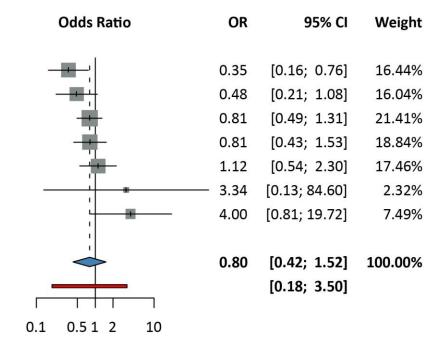
Test for overall effect: $t_4 = 0.81$ (p = 0.462)



Study	Events	Total	Events	Total	Odds Ratio	OR	95% CI	Weight
Burmeister et al.[43], 2011	1	36	2	39		0.53	[0.05; 6.09]	21.39%
Goense et al.[40], 2017	5	84	6	84	-	0.82	[0.24; 2.81]	29.73%
Visser et al.[42], 2018	2	131	2	131	-	1.00	[0.14; 7.21]	24.59%
Anderegg et al.[35], 2017	22	137	1	176		33.48	[4.45; 251.81]	24.29%
					1			
Random effects model	30	388	11	430		1.93	[0.10; 38.65]	100.00%
Prediction interval							[0.00; 5879.66]	
Heterogeneity: $I^2 = 72\%$ [22]	%; 90%], τ	$x^2 = 2.59$,	p = 0.013					
Test for overall effect: $t_3 = 0$	0.70 (p = 0.	.535)			0.001 0.1 1 10 1000			

Study	Events nCT	Total nCT	Events nCRT	Total nCRT					
Anderegg et al.[35], 2017	9	131	30	172					
Goense et al.[40], 2017	11	84	20	84					
Markar et al.[41], 2017	36	221	43	221					
Visser et al.[42], 2018	21	131	25	131					
Spicer et al.[38], 2016	20	114	16	100					
Burmeister et al.[43], 2011	1	36	0	39					
Luc et al. [36], 2014	8	61	2	55					
Random effects model	106	778	136	802					
Prediction interval									
Heterogeneity: $I^2 = 46\%$ [0%; 77%], $\tau^2 = 0.26$, $p = 0.084$									

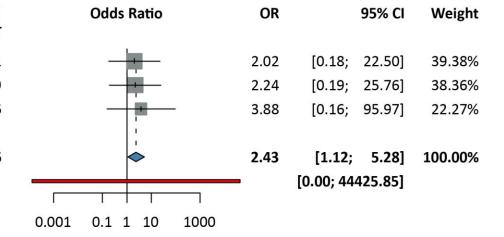
Test for overall effect: t_6 = -0.86 (p = 0.425)



Study	Events nCT	Total nCT	Events nCRT	Total nCRT	Odds Ratio	OR	95% CI	Weight
Burmeister et al.[43], 2011	0	36	1	39		0.35	[0.01; 8.91]	1.21%
Markar et al.[41], 2017	72	221	101	221	=	0.57	[0.39; 0.84]	23.84%
Goense et al. 40, 2017	29	84	29	84	- + -	1.00	[0.53; 1.89]	16.30%
Visser et al.[42], 2018	46	131	46	131	-	1.00	[0.60; 1.66]	19.94%
Spicer et al.[38], 2016	11	114	9	100		1.08	[0.43; 2.72]	10.46%
Anderegg et al.[35], 2017	39	131	35	172	-	1.66	[0.98; 2.81]	19.33%
Luc et al.[36], 2014	14	61	6	55	-	2.43	[0.86; 6.86]	8.91%
Random effects model	211	778	227	802	*	1.04	[0.66; 1.64]	100.00%
Prediction interval							[0.40; 2.72]	
Heterogeneity: $I^2 = 59\%$ [4%]	%; 82%], τ ²	= 0.10, p	= 0.025					
Test for overall effect: $t_6 = 0$	0.22 (p = 0.00)	.835)			0.1 0.5 1 2 10			

	Study	nCT	nCT	nCRT	nCRT			
	Visser et al.[42], 2018	2	131	1	131			
	Burmeister et al.[43], 2011	2	36	1	39			
	Anderegg et al.[35], 2017	1	137	0	176			
	Random effects model	5	304	2	346			
	Prediction interval							
Heterogeneity: $I^2 = 0\%$ [0%: 90%], $\tau^2 = 0$, $p = 0.947$								

Test for overall effect: t_2 = 4.91 (p = 0.039)



Study	Events nCT	Total nCT	Events nCRT	Total nCRT	Odds Ratio	OR		95% CI	Weight
Goense et al.[40], 2017	2	86	7	86		0.27	[0.05;	1.33]	25.81%
Anderegg et al.[35], 2017	15	137	15	176	*	1.32	[0.62;	2.80]	46.62%
Burmeister et al.[43], 2011	5	36	3	39	-	1.94	[0.43;	8.76]	27.57%
Random effects model	22	259	25	301		0.97	[0.09;	10.29]	100.00%
Prediction interval							[0.00; 823	332.43]	
Heterogeneity: $I^2 = 47\%$ [0%]	%; 84%], τ ²	= 0.50, p	= 0.154						
Test for overall effect: $t_2 = -6$	0.05 (p = 0)).964)			0.001 0.1 1 10 1000				

Study	Events nCT	Total nCT	Events nCRT	Total nCRT	Odds Ratio	OR	95% CI	Weight
Markar et al.[41], 2017	13	221	51	221		0.21	[0.11; 0.40]	17.54%
Spicer et al.[38], 2016	13	114	15	100		0.73	[0.33; 1.62]	15.63%
Goense et al. 40, 2017	20	84	24	84		0.78	[0.39; 1.56]	16.94%
Burmeister et al.[43], 2011	2	36	2	39		1.09	[0.15; 8.16]	5.83%
Visser et al.[42], 2018	16	131	13	131		1.26	[0.58; 2.74]	15.88%
Anderegg et al.[35], 2017	25	131	22	172	:	1.61	[0.86; 3.00]	17.76%
Luc et al. ^[36] , 2014	7	61	4	55		1.65	[0.46; 5.98]	10.41%
Random effects model	96	778	131	802		0.83	[0.41; 1.68]	100.00%
Prediction interval							[0.15; 4.64]	
Heterogeneity: $I^2 = 75\%$ [48	%; 88%], τ	2 = 0.37,	<i>p</i> < 0.001					
Test for overall effect: $t_6 = -6$	0.65 (p = 0)).539)			0.2 0.5 1 2 5			

Study	Events nCT	Total nCT	Events nCRT	Total nCRT	Odds Ratio	OR	95% CI	Weight
Luc et al.[36], 2014	0	61	1	55		0.30	[0.01; 7.40]	1.65%
Visser et al.[42], 2018	4	131	8	131		0.48	[0.14; 1.65]	11.38%
Markar et al.[41], 2017	13	221	17	221	-	0.75	[0.36; 1.58]	30.60%
Burmeister et al.[43], 2011	1	36	1	39		1.09	[0.07; 18.03]	2.17%
Goense et al.[40], 2017	14	84	12	84	-	1.20	[0.52; 2.77]	24.33%
Anderegg et al.[35], 2017	16	131	14	172	-	1.57	[0.74; 3.35]	29.88%
Random effects model	48	664	53	702	*	0.99	[0.61; 1.61]	100.00%
Prediction interval							[0.55; 1.78]	
Heterogeneity: $I^2 = 0\%$ [0%;	75%], $\tau^2 =$	0, p = 0.	547					
Test for overall effect: $t_5 = -0$	0.05 (p = 0)	.961)			0.1 0.5 1 2 10			

Study	Events nCT	Total nCT	Events nCRT	Total nCRT	Odds Ratio	OR	95% CI	Weight
Burmeister et al.[43], 2011	1	36	5	39		0.19	[0.02; 1.75]	9.27%
Goense et al.[40], 2017	3	84	5	84		0.59	[0.14; 2.53]	16.52%
Spicer et al.[38], 2016	15	114	15	100		0.86	[0.40; 1.86]	30.03%
Visser et al. [42], 2018	12	131	8	131	-	1.55	[0.61; 3.93]	26.31%
Anderegg et al.[35], 2017	7	131	3	172	-	3.18	[0.81; 12.54]	17.88%
Random effects model	38	496	36	526		1.04	[0.36; 3.02]	100.00%
Prediction interval							[0.11; 9.52]	
Heterogeneity: $I^2 = 37\%$ [0%]	s; 76%], τ ²	= 0.34, p	= 0.177					
Test for overall effect: $t_4 = 0$.09 (p = 0.	.930)			0.1 0.5 1 2 10			

Study	Events nCT	Total nCT	Events nCRT	Total nCRT	Odds Ratio	OR	95% CI	Weight
Visser et al.[42], 2018	0	131	2	131	-	0.20	[0.01; 4.14]	14.22%
Goense et al.[40], 2017	2	84	2	84	-	1.00	[0.14; 7.27]	33.52%
Luc et al.[36], 2014	3	61	1	55		2.79	[0.28; 27.67]	25.08%
Anderegg et al.[35], 2017	4	172	1	131		3.10	[0.34; 28.03]	27.18%
Random effects model	9	448	6	401		1.40	[0.25; 7.79]	100.00%
Prediction interval							[0.11; 17.38]	
Heterogeneity: $I^2 = 0\%$ [0%]	; 85%], τ ² =	= 0, <i>p</i> = 0.	466]		
Test for overall effect: $t_3 = 0$	0.62 (p = 0)	.581)		0.	01 0.1 1 10	100		

Study	Events nCT	Total nCT	Events nCRT	Total nCRT	Odds Ratio	OR		95% CI	Weight
Anderegg et al.[35], 2017	11	131	21	172	+	0.66	[0.31;	1.42]	42.59%
Goense et al.[40], 2017	6	84	8	84	申	0.73	[0.24;	2.21]	38.61%
Visser et al.[42], 2018	6	131	0	131	-	13.62	[0.76;	244.32]	18.80%
					ı				
Random effects model	23	346	29	387		1.21	[0.04;	41.98]	100.00%
Prediction interval						•	[0.00; 13071	7488.87]	
Heterogeneity: $I^2 = 50\%$ [0%]	%; 85%], τ ²	= 1.44, p	= 0.137						
Test for overall effect: $t_2 = 0$	0.23 (p = 0.	.837)			0.001 110 1000				

Supplementary Table 1 - Characteristic of the patients

A																																						
Author							ECOC	JG /WHO						ASA	score										Co-mort	oidity												
		BMI	PET as	assesment		0		1		2		1		II		III		IV	comorb	oidity (Yes)	malignany h	istory (Yes)	pulm	n /COPD	Cardiac	/coronary	Diabeter	es mellitus	History of	of smokinga	va ^r	ascular						
	nCT	nCRT	nCT	nCRT	nCT	nCRT	nCT	nCRT	nCT	nCRT	nCT	nCRT	nCT	nCRT	nCT	nCRT	nCT	nCRT	nCT	nCRT	nCT	nCRT	nCT	nCRT	nCT	nCRT	nCT	nCRT	nCT	nCRT	nCT	nCRT						
Stahl et al. [44], 2017	n/a	n/a	n/a	n/a	38 (64%)	33 (55%)	17 (29%)	24 (40%)	0 (0%)	0 (0%)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a						
Burmeister et al. [43], 2011	n/a	n/a	15 (42%)	21 (54%)	33 (92%)	36 (92%)	3 (8%)	3 (8%)	0 (0%)	0 (0%)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a						
Visser et al. [42], 2018	n/a	n/a	115 (88%)	116 (89%)	n/a	n/a	n/a	n/a	n/a	n/a	7 (5%)	7 (5%)	91 (70%)	94 (72%)	33 (25%)	30 (23%)	0 (0%)	0 (0%)	59 (45%)	58 (44%)	7 (5%)	4 (3%)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a						
Markar et al. [41], 2017	n/a	n/a	n/a	n/a	61 (88%)	181 (82%)	8 (12%)	38 (17%)	0 (0%)	2 (1%)	16 (7%)	16 (7%)	173 (78%)	173 (78%)	32 (15%)	32 (15%)	0 (0%)	0 (0%)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a						
Warkar et al. [42], 2027	11/4	11/4	11/4	11/4	01 (00.0)	101 (02.0)	0 (12,0)	30 (17.0)	0 (0/5,	2 (170)	10 (775,	10 (775,	173 (70,0,	175 (75,0,	32 (1370)	32 (1370)	0 (075,	0 (0,0,	11/4	11/4	11/4	11/4	11/4	liya .	11/0	liy a	11/4	, a	, a	170	11/4	11/4						
Goense et al. [40], 2017	26.4 +- 3.9	26.2 +- 4.1	n/a	n/a	45 (52%)	36 (42%)	41 (48%)	50 (58%)	0 (0%)	0 (0%)	21 (24%)	16 (19%)	58 (67%)	59 (69%)	7 (8%)	11 (13%)	0 (0%)	0 (0%)	n/a	n/a	n/a	n/a	8 (9%)	10 (12%)	20 (23%)	30 (35%)	10 (12%)	13 (15%)	47 (55%)	59 (69%)	n/a	n/a						
Favi et al. [39], 2017	n/a	n/a	86 (100%)	87 (100%)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a						
A - d	26.2	25.0	62 (4000()	C4 (4000V)	1.	1		1	. /-	. /-	27 (200()	25 (200()	04 (669)	442 (640()	40 (4 40()	20 (4.00()	0 (00()	4 (40()	- 1-	- 1-	40 (70/)	42 (70/)	47 (420()	47 (40 0()	24 (220()	26 (200()	. 1-			. 10	62 (4600)	70 (450()						
Anderegg et al. [35], 2017	26.2	25.9	63 (100%)	64 (100%)	n/a	n/a	n/a	n/a	n/a	n/a	27 (20%)	35 (20%)	91 (66%)	112 (64%)	19 (14%)	28 (15%)	0 (0%)	1 (1%)	n/a	n/a	10 (7%)	12 (/%)	17 (12%)	17 (10 %)	31 (23%)	36 (20%)	n/a	n/a	n/a	n/a	63 (46%)	79 (45%)						
Spicer et al. [38], 2016	n/a	n/a	114 (100%)	100 (100%)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	1 (1%)	6 (6%)	9 (8%)	11 (11%)	21 (18%)	17 (17%)	24 (23%)	31 (31%)	n/a	n/a						
Luc et al. [36], 2014	25.9 [18–37]	24.7 [18–38]	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	nCT:	: 51 (84%)	nCRT:	46 (84%)	10 (16%)	9 (16%)	0 (0%)	0 (0%)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a						
200 00 0 [22], 222			,-		A TOTAL	A T	4					31 (2,		10 (2)	20 (22,	,,	0 (2)	- (,	.,-	.,, -	.,, c	.,, -	.,,_	.,,_	.,,,	17-	.,, 0	70	// /	4	4							
Münch et al. [37], 2017	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a						

Supplementary Table 2 - Characteristic of the tumor

							Limph node	yield, median [range]	Total	positive										
Author	Differentiation									TRG										
	Well		ell Moderate		Poor						I		II		III		IV		V	
	nCT	nCRT	nCT	nCRT	nCT	nCRT	nCT	nCRT	nCT	nCRT	nCT	nCRT	nCT	nCRT	nCT	nCRT	nCT	nCRT	nCT	nCRT
Stahl et al. [44], 2017	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0 (0%)	5 (8%)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Burmeister et al. [43], 2011	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	1 (3%)	7 (18%)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Visser et al. [42], 2018	3 (2%)	2 (2%)	48 (37%)	39 (30%)	80 (61%)	90 (69%)	26 [8-83]	21 [4-58]	n/a	n/a	6 (5%)	20 (15%)	12 (9%)	41 (32%)	28 (22%)	37 (29%)	52 (41%)	21 (16%)	29 (23%)	11 (9%)
Markar et al. [41], 2017	n/a	n/a	n/a	n/a	n/a	n/a	27 [0-129]	14 [0-52]	2 [0-33]	0 [0-9]	11 (6%)	59 (27%)	12 (6%)	58 (27%)	32 (16%)	62 (28%)	nC	nCT: 141 (72%) nCRT: 39 (18%)		
Goense et al. [40], 2017	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	9 (11%)	15 (18%)	5 (6%)	16 (19%)	17 (20%)	27 (32%)	18 (21%)	22 (26%)	35 (42%)	4 (5%)
Favi et al. [39], 2017	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	5 (12%)	9 (23%)	6 (15%)	8 (20%)	10 (25%)	15 (37%)	18 (45%)	8 (20%)	1 (3%)	0 (0%)
Anderegg et al. [35], 2017	n/a	n/a	n/a	n/a	n/a	n/a	22	20	n/a	n/a	9 (7%)	12 (7%)	nCT: 38 (29%) nCRT: 99 (58%)			nCT: 85 (64%) nCRT: 47 (27%)				
Spicer et al. [38], 2016	2 (2%)	1 (1%)	33 (34%)	29 (32%)	62 (64%)	60 (67%)	31 [5–94]	27 [3–73]	2 [0–38]	0 [0–17]	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Luc et al. [36], 2014	n/a	n/a	n/a	n/a	n/a	n/a	24.6 [6–53]	17.6 [1–49]	n/a	n/a	2 (3%)	11 (20%)	9 (15%)	16 (29%)	18 (30%)	11 (20%)	32 (53%)	17 (31%)	n/a	n/a
Münch et al. [37], 2017	2 (3%)	0 (0%)	32 (45%)	23 (36%)	37 (52%)	40 (63%)	n/a	n/a	43 (61%)	38 (59%)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a

Supplementary Table 3 - Characteristic of the surgical procedure

Author	lvor-	Lewis	McKeown			
	nCT	nCRT	nCT	nCRT		
Stahl et al. [44], 2017	0 (0%)	0 (0%)	0 (0%)	0 (0%)		
Burmeister et al. [43], 2011	5 (14%)	8 (20%)	28 (74%)	25 (64%)		
Visser et al. [42], 2018	131 (50%)	131 (50%)	0 (0%)	0 (0%)		
Markar et al. [41], 2017	209 (95%)	81 (37%)	11 (5%)	4 (2%)		
Goense et al. [40], 2017	74 (86%)	77 (90%)	0 (0%)	0 (0%)		
Favi et al. [39], 2017	n/a	n/a	n/a	n/a		
Anderegg et al. [35], 2017	78 (57%)	115 (65%)	0 (0%)	0 (0%)		
Spicer et al. [38], 2016	n/a	n/a	n/a	n/a		
Luc et al. [36], 2014	100	(86%)	0 (0%)	0 (0%)		
Münch et al. [37], 2017	n/a	n/a	n/a	n/a		

Supplementary Table 4 - GRADE

Outcomes	No of Participants (studies)	OR (95% CI)	I ² (95% CI)	Risk of Bias	Indirectnes	Imprecision	Large effect size	Effect of plausible residual confounding	Quality of the evidence
pCR	1547	0.27 (0.16-0.46)	0.29 (0 - 0.68)	\		\	↑	\	⊗⊗⊞ ⊞ LOW
30-day mortality	899	0.4 (0.22 - 0.71)	0 (0 - 0.85)	4	-		↑	\	⊗⊗⊗∄ Moderate
90-day mortality	1086	0.71 (0.28 - 1.84)	0 (0 - 0.85)	4	-		-	\	⊗⊗⊠ ⊠ LOW
OS logHR	1540	0.98 (0.77 - 1.23)	0.35 (0 - 0.71)	4	4	+	↑	\downarrow	⊗⊗⊠ ⊠ LOW
OS 12-month	1588	1.08 (0.8 - 1.46)	0.05 (0 - 0.67)	4	-	4	-	\downarrow	⊗⊠ ⊠ ⊠ VERY LOW
OS 24-month	1588	1.03 (0.73 - 1.45)	0.42 (0 - 0.73)	\	-	-	-	\	⊗⊗⊞ ⊠ LOW
OS 36-month	1588	0.93 (0.54 - 1.6)	0.73 (0.47 - 0.86)	\	-	-	-	↓	⊗⊗⊞ ⊞ LOW
OS 48-month	1066	0.67 (0.27 - 0.85)	0.67 (0.27 - 0.85)	\	V	-	-	↓	⊗∄ ₪ ₪ VERY LOW
OS 60-month	1066	1.15 (0.56 - 2.35)	0.67 (0.27 - 0.85)	4	4	-	-	↓	⊗∄ ₪ ₪ VERY LOW
DFS logHR	578	1.04 (0.5 - 2.16)	0.49 (0 - 0.85)	↓	↓	-	-	↓	⊗⊞ ₪ ₪ VERY LOW
DFS 12-month	578	0.93 (0.44 - 1.97)	0.07 (0 - 0.9)	↓	-	-	-	↓	⊗⊗⊞ ⊞ LOW
DFS 24-month	578	0.95 (0.49 - 1.86)	0 (0 - 0.9)	4	-			V	⊗⊗⊞ ⊞ LOW
DFS 36-month	578	0.96 (0.4 - 2.28)	0.05 (0 - 0.9)	\	-			\	⊗⊗⊞ ⊞ LOW
DFS 48-month	578	1.04 (0.31 - 3.51)	0.32 (0 - 0.93)	\				\	⊗⊗⊞ ⊞ LOW
DFS 60-month	578	1.04 (0.3 - 3.64)	0.32 (0 - 0.93)	\psi	-	+	-	\	⊗⊗∄ ∄ LOW
PFS 12-month	340	0.73 (0.47 - 1.16)	0 (0 - 0.9)	\				\	⊗⊗⊠ ⊠ LOW
PFS 24-month	340	0.78 (0.1 - 6.18)	0.72 (0.04 - 0.92)	4	-			V	⊗⊗⊠ ⊠ LOW
PFS 36-month	340	1.04 (0.1 - 11.05)	0.81 (0.39 - 0.94)	4	4		-	V	⊗∄ ∄ VERY LOW
Locoregional recurrence	1037	0.98 (0.35 - 2.77)	0.76 (0.47 - 0.89)	\psi	-	+	-	V	⊗⊗⊠ ⊠ LOW
Distal metastasis recurrence	910	1.12 (0.76 - 1.64)	0 (0 - 0.79)	\				\	⊗⊗⊠ ⊠ LOW
Thromboembolism	818	1.93 (0.1 - 38.65)	0.72 (0.22 - 0.90)	4	-	*	-	V	⊗⊗⊠ ⊠ LOW
Cardiac complications	1580	0.8 (0.42 - 1.52)	0.46 (0 - 0.77)	4	-	*	-	V	⊗⊗⊠ ⊠ LOW
Respiratory complication	1580	1.04 (0.66 - 1.64)	0.59 (0.04 - 0.82)	4	-	*	-	V	⊗⊗⊠ ⊠ LOW
Renal faliure	650	2.43 (1.12 - 5.28)	0 (0 - 0.9)	4	-	+	-	V	⊗⊗⊠ ⊠ LOW
Neutropenia	560	0.97 (0.09 - 10.29)	0.47 (0 - 0.84)	↓	-	+	-	V	⊗⊗⊠ ⊠ LOW
Anastomotic leakage	1580	0.83 (0.41 - 0.68)	0.75 (0.48 - 0.88)	V	\	+	-	V	⊗⊞ ⊞ VERY LOW
Chylie leakage	1366	0.99 (0.61 - 1.61)	0 (0.48 - 0.75)	\	-	\	-	V	⊗∄ ∄ VERY LOW
Wound infection	1022	1.04 (0.36 - 3.02)	0.37 (0 - 0.76)	\	-	+	-	V	⊗⊗⊠ ⊠ LOW
Bleeding	849	1.4 (0.425 - 7.79	0 (0 - 0.85)	\	-	-	-	V	⊗⊗⊠ ⊠ LOW
Vocal cord paresis	733	1.21 (0.04 - 41.98)	0.5 (0 - 0.85)	\	-			↓	⊗⊗≊ ⊠ LOW