

Table 7 Quality of life after lung resection: EORTC or similar tool
Ordered by treatment approach, extent of resection

Approach	1 st author, year (reference)	Study type	Accrual years	n	% survey completion	QOL tool	Comments	% Seg/W	% Pn/L	% VATS	1 mo					3 mo					6 mo					12 mo					24 mo				
											Global	Emotional	Cognitive	Social	Role	Physical	Ther pain ^a	Dyspnea ^a	Global	Emotional	Cognitive	Social	Role	Physical	Ther pain ^a	Dyspnea ^a	Global	Emotional	Cognitive	Social	Role	Physical	Ther pain ^a	Dyspnea ^a	
EORTC tool ^b																																			
VATS L	Xu ⁱ 2020 (118)	Prospect	17	120	96	C30, EQ5D		0	0	100	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=			
	Benedixen 2016 (24)	RCT	08-14	102	75	C30, EQ5D		0	0	100	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=			
	Pompili 2018 (119)	Prospect	14-16	66	100	C30		-	8	92	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=			
	Nugent 2020 (120)	Prospect	14-16	74	95-68	C30, LC13		11	0	85	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=			
	Avery 2020 (121)	Prospect	14-15	88	73-68	C30, LC13		25	0	100	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=			
	Burfeind 2008 (122)	Retro ^g	99-05	166	80-62	C30	≥ 70	0	0	68	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=			
	Burfeind 2008 (122)	Retro ^g	99-05	256	80-72	C30	<70	0	0	59	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=			
SL	Baldyuck 2007 (123)	Prospect	02-04	22	86-73	C30, LC13	W	100	0	32	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=			
	Stamatis 2019 (11)	RCT	13-16	54	93-85	C30, LC13	Seg	100	0	23	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=		
Open lobectomy	Stamatis 2019 (11)	RCT	13-16	54	91-82	C30, LC13		0	0	43	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=		
	Alberts 2019 (124)	Prospect	03-08	41	-	C30, LC13		2	7	12	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=		
	Benedixen 2016 (24)	RCT	08-14	99	69	C30, EQ5D		0	0	0	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=		
	Baldyuck 2009 (125)	Retro	03-06	49	90-77	C30, LC13	≥ 70	0	0	0	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=		
	Baldyuck 2007 (123)	Prospect	02-04	61	84-69	C30, LC13		0	0	2	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=		
	Schulte 2009 (126)	Prospect	98-04	131	98-73	C30, LC13		0	6	0	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=		
	Schulte 2010 (127)	Prospect	98-04	42	95-80	C30, LC13	≥ 70	0	6 ^j	0	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=		
	Schulte 2010 (127)	Prospect	98-04	89	94-68	C30, LC13	<70	0	6 ^j	0	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=		
	Iilonen 2010 (128)	Prospect	02-05	53	91-68	15D		0	8	0	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=		
PN	Kenny ^{e,k} 2008 (129)	Prospect	99-00	111	90-76	C30, LC13		-	23	0	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	
	Schulte 2009 (126)	Prospect	98-04	28	98-73	C30, LC13		0	100	0	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	
	Baldyuck 2008 (130)	Prospect	02-04	20	90-73	C30, LC13		0	100	0	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	

For inclusion criteria, abbreviations and footnotes see legend for Table 6.

QOL assessment color code:		* for normalized QOL scales a 10-point difference is usually accepted as clinically meaningful (C-30, LC-13, EQ5D, SF-36, PROMIS; other scales adapted to correspond)																											
↑↑↑	>20 points* better	2x clinically meaningful improvement																											
↑↑	10-20 points* better	Clinically meaningful improvement																											
↑	5-10 points* better	Somewhat better																											
=	Same (0-5 points*)	Similar to baseline (i.e., pre-treatment)																											
↓	5-10 points* worse	Somewhat worse																											
↓↓	10-20 points* worse	Clinically meaningful worsening																											
↓↓↓	>20 points* worse	2x clinically meaningful worsening																											

Mapping of SF36: General health = global; role emotional = emotional; mental health = cognitive; social functioning = social; role physical = role; physical functioning = physical; bodily pain = thoracic pain;
15D: Total = global; Depression/distress = emotional; mental functioning = cognitive; usual activities = role;
Mobility = physical; discomfort = pain; breathing = dyspnea
PROMIS: Anxiety/depression/emotional support = emotional; informational support = cognitive; social roles = social; physical function = physical; pain intensity/interference = pain
EQ5D: Health index = global; anxiety/depression = emotional; usual activities = role; mobility = physical;