

Table 4 (Web only): Patient characteristics

Trial	Intervention	No. randomised	Median age	% male	Disease stage		Histology		Performance status (%)	
					IIIB (%)	IV (%)	Squamous (%)	Adeno (%)		
Kelly 2001[24]	VNB+CIS	202	61	67	11	89	NR	NR	NR	NR
	PAX+CARB	206	62	70	12	88	NR	NR	NR	NR
Scagliotti 2002[9]	GEM+CIS	205	63	81	19	81	33	67	ECOG	0-1=95
	PAX+CARB	204	62	76	18	82	32	48	ECOG	0-1=92
	VNB+CIS	203	63	78	19	81	27	73	ECOG	0-1=92
Schiller 2002[34]	PAX+CIS	303	62	64	11	89	NR	NR	ECOG	0=29 1=65 2=6
	GEM+CIS	301	64	62	14	86	NR	NR	ECOG	0=33 1=62 2=5
	DOC+CIS	304	63	63	14	86	NR	NR	ECOG	0=32 1=62 2=6
	PAX+CARB	299	63	62	14	86	NR	NR	ECOG	0=28 1=67 2=5

Trial	Intervention	No. randomised	Median age	% male	Disease stage		Histology		Performance status (%)	
					IIIB (%)	IV (%)	Squamous (%)	Adeno (%)		
Fossella 2003[10]	DOC+CIS	408	61	72	33	67	32	44	KPS	70=3.7 80-90=80.4 100=15.9
	DOC+CARB	406	59	72	33	67	33	42	KPS	70=3.9 80-90=79.8 100=16.3
	VNB+CIS	404	61	75	33	67	35	41	KPS	70=4 80-90=79.2 100=16.8
Gebbia 2003[25]	VNB+CIS	140	63	76	46	54	52	34	ECOG	0-1=83 2=17
	GEM+CIS	138	60	78	46	54	52	31	ECOG	0-1=80 2=20
Gridelli 2003*[8]	GEM+CIS or VNB+CIS	126	62	81	20	80	34	42	ECOG	0=32 1=55 2=14
	VNB+CIS	126								
Smit 2003[11]	PAX+CIS	159	57	60	18	82	19	40	WHO	0=22 1=66 2=12
	GEM+CIS	160	57	71	21	79	26	46	WHO	0=25 1=64 2=11
Chen 2004[19]	PAX+CIS	70	64.9 (mean)	80	27	66	14	66	WHO	0=19 1=37 2=44
	VNB+CIS	70	64.8 (mean)	66	23	67	23	56	WHO	0=11 1=41 2=47

Trial	Intervention	No. randomised	Median age	% male	Disease stage		Histology		Performance status (%)	
					IIIB (%)	IV (%)	Squamous (%)	Adeno (%)		
Douillard 2005[20]	DOC+CIS	119	58	83	0	100	33	41	WHO	0=29 1=53 2=15
	VNB+CIS	120	57	81	0	100	32	47	WHO	0=40 1=54 2=11
Martoni 2005[26]	VNB+CIS	146	62	76	32	66	29	52	KPS	Median (range) = 80 (70-100)
	GEM+CIS	146	63	81	36	56	28	54	KPS	Median (range) = 80 (70-100)

Trial	Intervention	No. randomised	Median age	% male	Disease stage		Histology		Performance status (%)	
					IIIB (%)	IV (%)	Squamous (%)	Adeno (%)		
Thomas 2006[21]	GEM+CARB	51	60	82	12	86	35	57	ECOG	0-1=86 2=14
	VNB+CIS	49	56	84	4	96	51	35	ECOG	0-1=88 2=12
Chen 2007[22]	VNB+CIS	48	64.9	73	17	83	17	69	WHO	0=4 1=79 2=17
	DOC+CIS	46	60.2	57	20	80	26	54	WHO	0=0 1=72 2=28
Helbekkmo 2007[27]	VNB +CARB	222	67	59	30	70	27	50	WHO	0/1=72 2=28
	GEM+CARB	222	67	64	28	72	24	47	WHO	0/1=71 2=29
Langer 2007[23]	PAX+CARB	54	65	74	9	79	18	51	ECOG	2=54
	GEM+CIS	49	67	59	18	73	21	45	ECOG	2=49
Ohe 2007[28]	PAX+CARB	150	63	68	19	81	21	72	ECOG	0=30 1=70
	GEM+CIS	151	61	69	21	79	20	74	ECOG	0=31 1=69
	VNB+CIS	150	61	70	18	82	20	75	ECOG	0=31 1=69

Trial	Intervention	No. randomised	Median age	% male	Disease stage		Histology		Performance status (%)	
					IIIB (%)	IV (%)	Squamous (%)	Adeno (%)		
Chang 2008[35]	GEM+CIS	39	62.4	71	26	74	24	65	ECOG	0=0 1=53 2=47
	VNB+CIS	44	61.6	64	36	64	33	62	ECOG	0=2 1=62 2=36
Scagliotti 2008[4]	PEM+CIS	862	61.1	70	24	76	28	51	ECOG	0=35 1=64 1 unknown
	GEM+CIS	863	61	70	24	76	27	48	ECOG	0=36 1=64 2 unknown
Gronberg 2009[29]	PEM+CARB	225	64	56	29	71	26	50	WHO	0-1=79 2=21
	GEM+CARB	221	66	59	28	72	23	50	WHO	0-1=77 2=23
Mok 2009[5]and Fukuoka 2011[36]	GEF	609	57	21	25	75	NR	95	WHO	0=26 1=64 2=10
	PAX+CARB	608	57	21	24	76	NR	97	WHO	0=27 1=63 2=10
Tan 2009[30]	VNB+CIS	194	59.4	73	19	81	34	42	KPS	80=38 90=42 100=19
	DOC+CIS	196	62.1	76	15	85	34	39	KPS	80=38 90=38 100=24

Trial	Intervention	No. randomised	Median age	% male	Disease stage		Histology		Performance status (%)	
					IIIB (%)	IV (%)	Squamous (%)	Adeno (%)		
Maemondo 2010[31]	GEF	115	63.9 (mean)	37	13	77	3	90	ECOG	0=47 1=52 2=1
	PAX+CARB	115	62.6 (mean)	36	18	74	2	96	ECOG	0=50 1=48 2=2
Mitsudomi 2010[32]	GEF	88	64	31	12	48	1	97	WHO	0=65 1=35
	DOC+CIS	89	64	30	10	48	0	98	WHO	0=60 1=40
Treat 2010[33]	GEM+CARB	379	64.1	58	10	90	18	NR	ECOG	0=33 1=66 2=1
	PAX+CARB	379	64.1	61	11	89	16	NR	ECOG	0=39 1=60 2=1

CARB=carboplatin; CIS=cisplatin; DOC=docetaxel; GEF=gefitinib; GEM=gemcitabine; PAX=paclitaxel; PEM=pemetrexed; VNB=vinorelbine  
 ECOG= Eastern Cooperative Oncology Group; KPS= Karnofsky performance status; WHO= World Health Organization  
 NR=not reported