

Trial	DOC + PLAT	GEM + PLAT	PAX + PLAT	PEM + PLAT	VNB + PLAT	GEF
Kelly 2001 ⁴⁸			PAX 225 mg/m ² i.v. for 3 hours plus CARB AUC of 6 every 3 weeks 6–10 cycles		VNB 25 mg/m ² /week and CIS 100 mg/m ² every 4 weeks 6–10 cycles	
Scagliotti 2002 ⁴³		GEM 1250 mg/m ² i.v. days 1 and 8 and CIS 75 mg/m ² (with appropriate hydration and antiemetics) day 2 of a 21-day cycle 6–8 cycles	PAX 225 mg/m ² as a 3-hour infusion then i.v. CARB AUC 6 mg/ml/minute, both on day 1 every 21 days 6–8 cycles		VNB 25 mg/m ² days 1, 8, 15 and 22 as a 30-minute i.v. infusion and CIS 100 mg/m ² i.v. (with appropriate hydration and antiemetics) day 1 every 28 days. After 12 weeks of treatment, VNB was administered every other week 6–8 cycles	
Schiller 2002 ⁴⁷	DOC 75 mg/m ² and CIS 75 mg/m ² on day 1 of a 3-week cycle	GEM 1000 mg/m ² on days 1, 8 and 15, and CIS 100 mg/m ² on day 1 of a 4-week cycle	Arm 1: PAX 135 mg/m ² over a 24-hour period on day 1 followed by CIS 75 mg/m ² on day 2. The cycle was repeated every 3 weeks Arm 2: PAX 225 mg/m ² given over a 3-hour period on day 1, followed on the same day by CARB AUC 6 mg/ml/minute in a 3-week cycle			
Fossella 2003 ⁴⁴	Arm 1: DOC 75 mg/m ² immediately followed by CIS 75 mg/m ² , both as 1-hour i.v. infusions on day 1, repeated every 3 weeks Arm 2: DOC 75 mg/m ² as a 1-hour i.v. infusion immediately followed by i.v. CARB AUC 6 mg/ml/minute, both on day 1, repeated every 3 weeks				VNB 25 mg/m ² as a 6–10-minute i.v. infusion on days 1, 8, 15 and 22, plus CIS 100 mg/m ² i.v. on day 1, repeated every 4 weeks	

Trial	DOC + PLAT	GEM + PLAT	PAX + PLAT	PEM + PLAT	VNB + PLAT	GEF
Gebbia 2003 ⁴⁹		GEM 1400 mg/m ² on days 1 and 8 plus CIS 100 mg/m ² on day 8			VNB 25 mg/m ² on days 1 and 8 plus CIS 100 mg/m ² on day 1	
Gridelli 2003 ⁴⁵		GEM 1200 mg/m ² on days 1 and 8 plus CIS 80 mg/m ² on day 1 plus CIS 80 mg/m ² on day 1. All cycles were given every 3 weeks			VNB 30 mg/m ² on days 1 and 8 plus CIS 80 mg/m ² on day 1. All cycles were given every 3 weeks	
Smit 2003 ⁴⁶		GEM 1250 mg/m ² on days 1 and 8 and CIS 80 mg/m ² on day 1 after GEM	PAX 175 mg/m ² on day 1 followed by CIS 80 mg/m ² on day 1			
Chen 2004 ⁵¹			PAX 66 mg/m ² i.v. days 1, 8 and 15 every 4 weeks plus i.v. CIS 60 mg/m ² on day 15		VNB 23 mg/m ² days 1, 8 and 15 every 4 weeks plus CIS 60 mg/m ² day 15	
Douillard 2005 ⁵³	DOC 75 mg/m ² as a 1-hour infusion followed by CIS 100 mg/m ² as a 1-hour infusion on day 1, every 3 weeks for up to six cycles				CIS 100 mg/m ² as a 1-hour infusion on day 1 followed by VNB 30 mg/m ² as a 15-minute infusion on days 1 and 8, every 3 weeks for up to six cycles	
Martoni 2005 ⁵⁴		GEM 1200 mg/m ² on days 1 and 8 as an i.v. 30-minute infusion plus CIS 75 mg/m ² on day 1, every 3 weeks for up to six cycles			VNB 25 mg/m ² on days 1 and 8 as an i.v. bolus plus CIS 75 mg/m ² on day 1, every 3 weeks for up to six cycles	
Thomas 2006 ⁵⁸		CARB AUC 6 mg/ml/minute after creatinine clearance, administered as a 30-minute infusion on day 1 of a 21-day cycle (day 1–day 22 and day 43). GEM was administered at 1250 mg/m ² as a 30-minute infusion on days 1 (after CARB) and 8			CIS 80 mg/m ² in a 1-hour infusion on days 1, 22 and 43 with pre- and posthydration, and VNB at 30 mg/m ² as a 20-minute infusion weekly from day 1 to day 57, every 3 weeks	

Trial	DOC + PLAT	GEM + PLAT	PAX + PLAT	PEM + PLAT	VNB + PLAT	GEF
Chen 2007 ⁵²	CIS 60 mg/m ² i.v. infusion on day 1, plus DOC 60 mg/m ² on day 1				CIS 60 mg/m ² i.v. infusion on day 1, plus VNB 25 mg/m ² on days 1 and 8, every 3 weeks	
Helbekkmo 2007 ⁵⁵		GEM 1000 mg/m ² days 1 and 8, CARB AUC 4, 3-week cycles			VNB 25 mg/m ² days 1 and 8, CARB AUC 4, day 1, 3-week cycles	
Langer 2007 ⁵⁶		GEM 1000 mg/m ² i.v. over 30 minutes on days 1 and 8 and CIS 60 mg/m ² i.v. on day 1 over 1 hour. Cycles were repeated every 3 weeks. Routine pre-hydration and aggressive antiemetics preceded CIS	PAX 200 mg/m ² i.v. on day 1 over 3 hours. CARB AUC 6, over 30 minutes immediately after PAX. Before PAX, all patients received routine premedication including dexamethasone, diphenhydramine (or equivalent), and cimetidine (or other H ₂ blockers). Treatment was cycled at 3-week intervals, including standard antiemetic prophylaxis			
Ohe 2007 ⁵⁷		CIS 80 mg/m ² on day 1 and 1000 mg/m ² of GEM on days 1 and 8, cycle repeated every 3 weeks	PAX 200 mg/m ² over a 3-hour period followed by CARB AUC 6 mg/ml/minute on day 1 and cycle repeated every 3 weeks		CIS 80 mg/m ² on day 1 and 25 mg/m ² of VNB on days 1 and 8, cycle repeated every 3 weeks	

Trial	DOC + PLAT	GEM + PLAT	PAX + PLAT	PEM + PLAT	VNB + PLAT	GEF
Chang 2008 ⁵⁰		GEM 1000 mg/m ² on days 1, 8 and 15 (in 100 ml 5% dextrose and given over 30 minutes) in combination with CIS 80 mg/m ² on day 15 (diluted with 500 ml normal saline) i.v. over 3 hours. Repeated every 28 days for up to six cycles			VNB 20 mg/m ² in 100 ml dextrose over 10 minutes on days 1, 8 and 15, in combination with CIS 80 mg/m ² on day 15 (diluted with 500 ml normal saline) i.v. over 3 hours. Repeated every 28 days for up to six cycles	
Scagliotti 2008 ⁶¹		CIS 75 mg/m ² on day 1 plus GEM 1250 mg/m ² on days 1 and 8, every 3 weeks for a maximum of six cycles		CIS 75 mg/m ² plus PEM 500 mg/m ² on day 1, every 3 weeks for a maximum of six cycles		
Gronberg 2009 ⁶²		GEM 1000 mg/m ² on days 1 and 8 plus CARB AUC 5 on day 1		PEM 500 mg/m ² plus CARB area AUC 5 on day 1		
Mok 2009 ¹⁵ and Fukuoka 2011 ⁶⁴			PAX (200 mg/m ² i.v. over a 3-hour period on the first day of the cycle) followed immediately by CARB AUC 5.0 or 6.0 mg/ml/minute, i.v. over a period of 15–60 minutes in cycles of once every 3 weeks for up to six cycles			GEF 250 mg/day administered orally
Tan 2009 ⁵⁹	DOC 75 mg/m ² in combination with CIS 75 mg/m ² on day 1 every 3 weeks				VNB 25 mg/m ² i.v. on day 1, oral VNB 60 mg/m ² on day 8, increased in the absence of grade 3/4 haematological toxicity to VNB 30 mg/m ² i.v. on day 1 and oral VNB 80 mg/m ² on day 8, 3-week cycle	

Trial	DOC + PLAT	GEM + PLAT	PAX + PLAT	PEM + PLAT	VNB + PLAT	GEF
Maemondo 2010 ⁶³			PAX 200 mg/m ² , i.v. over a 3-hour period and CARB AUC 6, i.v. over a 1-hour period, both administered on the first day of every 3-week cycle for at least three cycles			GEF 250 mg/day administered orally
Mitsudomi 2010 ⁶⁵	DOC 60 mg/m ² , i.v. over a 1-hour period followed by CIS 80 mg/m ² , administered i.v. over a 90-minute period, 21-day cycle					GEF 250 mg/day administered orally, 21-day cycle
Treat 2010 ⁶⁰		GEM 1000 mg/m ² infused over 30 minutes on days 1 and 8 plus CARB AUC 5.5 over 15–30 minutes on day 1	PAX 225 mg/m ² infused over 3 hours on day 1 plus CARB AUC 6.0 over 15–30 minutes on day 1			