

Study ID	Adverse event	Arm 1 (%)	Arm 2 (%)	Arm 3 (%)
Jeremic 2001 ⁶³	<i>Haematological toxicity</i>			
	Leucopenia	G3-4 = 7	G3-4 = 13	
	Thrombocytopenia	G3-4 = 5	G3-4 = 14	
	Anaemia	NR	G3 = 1	
	<i>Non-haematological toxicity</i>			
	Acute			
	Bronchopulmonary	G3-4 = 12	G3-4 = 13	
	Oesophageal	G3-4 = 15	G3-4 = 17	
	Haematological	G3-4 = 12	G3-4 = 0	
	Osseous	G3-4 = 0	G3-4 = 0	
	Gastric	G3-4 = 2	G3-4 = 3	
	Late			
	Bronchopulmonary	G3-4 = 9	G3-4 = 8	
	Oesophageal	G3-4 = 9	G3-4 = 8	
	Haematological	G3-4 = 0	G3-4 = 0	
	Osseous	G3-4 = 0	G3-4 = 0	
	Gastric	G3-4 = 3	G3-4 = 3	
Toxic deaths (n)	NR	NR		
Komaki 2002 ⁵⁰	<i>Haematological toxicity</i>			
	Anaemia	G3-4 = 10	G3-4 = 11	
	Other haematological	G3-4 = 78	G3-4 = 66	
	<i>Non-haematological toxicity</i>			
	Lung	G3-4 = 4	G3-4 = 9	
	Nausea/vomiting	G3-4 = 14	G3-4 = 24	
	Oesophagitis	G3-4 = 6	G3-4 = 37	
	Toxic deaths (n)	Unclear	Unclear	

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Schild 2002 ⁶²	<i>Haematological toxicity</i>			
	Leucopenia	G3-4 = 78	G3-4 = 79	
	Thrombocytopenia	G3-4 = 29	G3-4 = 19	
	<i>Non-haematological toxicity</i>			
	Nausea	G3-4 = 23	G3-4 = 24	
	Vomiting	G3-4 = 19	G3-4 = 17	
	Oesophagitis	G3-4 = 20	G3-4 = 18	
	Pneumonitis	G3-4 = 11	G3-4 = 15	
	Dyspnoea	G3-4 = 7	G3-4 = 12	
	Toxic deaths (n)	3	2	
Vokes 2002 ⁴⁷	<i>Haematological toxicity</i>			
	Platelets	G3 = 33, G4 = 23	G3 = 2, G4 = 4	G3 = 0, G4 = 2
	Haemoglobin	G3 = 30, G4 = 2	G3 = 4, G4 = 0	G3 = 19, G4 = 0
	Granulocytes	G3 = 33, G4 = 18	G3 = 29, G4 = 24	G3 = 19, G4 = 8
	Lymphocytes	G3 = 17, G4 = 62	G3 = 12, G4 = 67	G3 = 21, G4 = 44
	<i>Non-haematological toxicity</i>			
	Oesophagitis	G3 = 35, G4 = 17	G3 = 35, G4 = 4	G3 = 13, G4 = 12
	Dyspnoea	G3 = 12, G4 = 2	G3 = 12, G4 = 8	G3 = 10, G4 = 10
	Acute respiratory distress syndrome	G3-4 = 0	G3 = 4, G4 = 0	G3 = 0, G4 = 2
	Nausea	G3 = 23, G4 = 3	G3 = 14, G4 = 0	G3 = 17, G4 = 2
	Vomiting	G3 = 8, G4 = 7	G3 = 8, G4 = 8	G3 = 2, G4 = 6
	Anorexia	G3 = 22, G4 = 5	G3 = 22, G4 = 0	G3 = 10, G4 = 2
	Toxic deaths (n)	0	2	1

Study ID	Adverse event	Arm 1 (%)	Arm 2 (%)	Arm 3 (%)
Zatloukal 2004 ⁵¹	<i>Haematological toxicity</i>			
	Anaemia	G3-4 = 12	G3-4 = 6	
	Leucopenia	G3-4 = 53	G3-4 = 19	
	Neutropenia	G3-4 = 65	G3-4 = 40	
	Thrombocytopenia	G3-4 = 6	G3-4 = 4	
	Febrile neutropenia	G3-4 = 8	G3-4 = 2	
	<i>Non-haematological toxicity</i>			
	Oesophagitis	G3-4 = 18	G3-4 = 4	
	Hepatotoxicity	G3-4 = 2	G3-4 = 2	
	Renal toxicity	G3-4 = 2	G3-4 = 2	
	Nausea/vomiting	G3-4 = 39	G3-4 = 15	
	Neurotoxicity	G3-4 = 4	G3-4 = 2	
	Cardiotoxicity	G3-4 = 2	G3-4 = 0	
	Pulmonary toxicity	G3-4 = 4	G3-4 = 2	
	Toxic deaths (n)	0	0	
Belani 2005 ⁵²	<i>Haematological toxicity</i>			
	Anaemia	G3-4 = 3	G3-4 = 75	G3-4 = 10
	Leucopenia	G3-4 = 2	G3-4 = 31	G3-4 = 51
	Granulocytopenia	G3-4 = 0	G3-4 = 16	G3-4 = 26
	Thrombocytopenia	G3-4 = 0	G3-4 = 9	G3-4 = 12
	<i>Non-haematological toxicity</i>			
	Cardiac	G3-4 = 3	G3-4 = 3	G3-4 = 8
	Oesophagitis	G3-4 = 3	G3-4 = 19	G3-4 = 28
	Lung	G3-4 = 6	G3-4 = 4	G3-4 = 16
	Neurological	G3-4 = 4	G3-4 = 7	G3-4 = 11
	Hyperglycaemia	G3-4 = 1	G3-4 = 4	G3-4 = 9
	Nausea/vomiting	G3-4 = 0	G3-4 = 8	G3-4 = 7
	Toxic deaths (n)	0	1	2

Study ID	Adverse event	Arm 1 (%)	Arm 2 (%)	Arm 3 (%)
Fournel 2005 ⁴⁹	<i>Haematological toxicity</i>			
	Neutropenia	G3-4 = 88	G3-4 = 77	
	Anaemia	G3-4 = 28	G3-4 = 20	
	Thrombocytopenia	G3-4 = 15	G3-4 = 16	
	Infection	G3-4 = 12	G3-4 = 14	
	<i>Non-haematological toxicity</i>			
	Infection	G3-4 = 12	G3-4 = 14	
	Peripheral neuropathy	G3 = 4	G3-4 = 0	
	Oesophagitis	G3-4 = 3	G3 = 32	
	Nausea/vomiting	G3-4 = 18	G3-4 = 24	
	Pneumonitis	G3-4 = 11	G3-4 = 5	
	Toxic deaths [n (%)]	6 (5.6)	10 (9.5)	
	Reinfuss 2005 ⁴⁶	Haematological toxicity	NR	NR
Non-haematological toxicity		NR	NR	
Toxic deaths (n)		2	2	
Dasgupta 2006 ⁵⁶	Haematological toxicity	NR	NR	
	<i>Non-haematological toxicity</i>			
	Cutaneous	G3 = 17	G3 = 19	
	Mucous membrane	G3 = 0	G3 = 11	
	Upper gastrointestinal	G3 = 6	G3 = 17	
	Toxic deaths (n)	NR	NR	
Gouda 2006 ⁵⁹	Haematological toxicity			
	Neutropenia	G3-4 = 30	G3-4 = 25	
	Thrombocytopenia	G3-4 = 25	G3-4 = 10	
	Anaemia	G3-4 = 5	G3-4 = 45	
	<i>Non-haematological toxicity</i>			
	Oesophagitis	G3-4 = 30	G3-4 = 25	
	Fatigue	G3-4 = 5	G3-4 = 0	
	Nausea/vomiting	G3-4 = 10	G3-4 = 5	
	Myalgia	G3-4 = 15	G3-4 = 5	
	Neuropathy	G3-4 = 10	G3-4 = 5	
	Diarrhoea	G3-4 = 5	G3-4 = 0	
	Alopecia	G3-4 = 5	G3-4 = 0	
	Toxic deaths (n)	NR	NR	

Study ID	Adverse event	Arm 1 (%)	Arm 2 (%)	Arm 3 (%)
Belderbos 2007 ⁵⁴	<i>Haematological toxicity</i>			
	Thrombocytopenia	G3-4 = 6	G3-4 = 0	
	Leucopenia	G3-4 = 6	G3-4 = 3	
	Granulocytopenia	G3-4 = 21	G3-4 = 2	
	Acute haematological toxicity	G3-4 = 30	G3-4 = 6	
	<i>Non-haematological toxicity</i>			
	Nausea	G3 = 7	G3 = 6	
	Oesophagitis	G3-4 = 5	G3-4 = 14	
	Shortness of breath	G3-4 = 8	G3-4 = 9	
	Lethargy	G3 = 5	G3 = 6	
	Infection	G3-4 = 5	G3-4 = 5	
	Vomiting	G3-4 = 4	G3-4 = 6	
	Late toxicity, lung	G3-4 = 14	G3-4 = 18	
	Oesophagitis	G3-4 = 4	G3-4 = 5	
	Toxic deaths (n)	NR	NR	
Vokes 2007 ⁴⁸	<i>Haematological toxicity</i>			
	Absolute neutrophil count	G3 = 11, G4 = 4	G3 = 24, G4 = 7	
	White blood cell	G3 = 32, G4 = 4	G3 = 38, G4 = 6	
	Haemoglobin	G3 = 5, G4 = 0	G3 = 12, G4 = 0	
	Lymphopenia	G3 = 55, G4 = 8	G3 = 47, G4 = 9	
	Febrile neutropenia	G3 = 2, G4 = 0	G3 = 4, G4 = 0	
	<i>Non-haematological toxicity</i>			
	Fatigue	G3 = 19, G4 = 1	G3 = 17, G4 = 4	
	Anorexia	G3 = 15, G4 = 5	G3 = 11, G4 = 8	
	Dysphagia-oesophageal	G3 = 30, G4 = 2	G3 = 28, G4 = 8	
	Dyspnoea	G3 = 11, G4 = 3	G3 = 15, G4 = 4	
	Pneumonitis	G3 = 3, G4 = 1	G3 = 8, G4 = 2	
	Maximum toxicity	G3 = 58, G4 = 26	G3 = 55, G4 = 30	
	Toxic deaths (n)	0	1	

Study ID	Adverse event	Arm 1 (%)	Arm 2 (%)	Arm 3 (%)
Liu 2008 ⁵³	<i>Haematological toxicity</i>			
	Neutropenia	G3-4 = 26	G3-4 = 14	
	Anaemia	G3-4 = 0	G3-4 = 0	
	Thrombocytopenia	G3-4 = 10	G3-4 = 0	
	<i>Non-haematological toxicity</i>			
	Oesophagitis	G3-4 = 16	G3-4 = 29	
	Pneumonitis	G3-4 = 5	G3-4 = 10	
	Nausea/vomiting	G3-4 = 16	G3-4 = 43	
	Allergy	G3-4 = 0	G3-4 = 0	
	Asthenia	G3-4 = 0	G3-4 = 0	
Toxic deaths (n)	NR	NR		
Socinski 2008 ⁵⁵	<i>Haematological toxicity</i>			
	Neutropenia	G3 = 30	G3 = 0	
	Thrombocytopenia	G3 = 30	G3 = 0	
	Anaemia	G3 = 14	G3 = 13	
	<i>Non-haematological toxicity</i>			
	Oesophagitis	G3 = 16	G3 = 39	
	Nausea	G3 = 8	G3 = 4	
	Vomiting	G3 = 5	G3 = 0	
	Dehydration	G3 = 5	G3 = 13	
	Weight loss	G3 = 11	G3 = 9	
	Fatigue	G3 = 8	G3 = 35	
	Infection without neutropenia	G3 = 16	G3 = 13	
	Pulmonary	G3 = 0	G3 = 30	
	Cardiac	G3 = 0	G3 = 4	
	Oedema	G3 = 0	G3 = 9	
Toxic deaths (n)	NR	NR		
Berghmans 2009 ⁴⁵	<i>Haematological toxicity</i>			
	Leucopenia	G3-4 = 55	G3-4 = 21	
	Thrombocytopenia	G3-4 = 20	G3-4 = 11	
	<i>Non-haematological toxicity</i>			
	Stomatitis	G3-4 = 5	G3-4 = 4	
	Infection	G3-4 = 20	G3-4 = 4	
	Oesophagitis	G3-4 = 15	G3-4 = 7	
	Alopecia	G3-4 = 0	G3-4 = 4	
Toxic deaths (n)	1	2		

Study ID	Adverse event	Arm 1 (%)	Arm 2 (%)	Arm 3 (%)
Crvenkova 2009 ⁵⁷	<i>Haematological toxicity</i>			
	Haemoglobin	G3 = 0	G3 = 0	
	Leucocyte	G3 = 0	G3 = 5	
	<i>Non-haematological toxicity</i>			
	Late:			
	Lung	G3 = 0	G3 = 0	
	Oesophagus	G3 = 0	G3 = 0	
	Acute:			
	Lung	G3 = 0	G3 = 0	
	Oesophagus	G3 = 0	G3 = 8	
Toxic deaths (n)	NR	NR		
Nyman 2009 ⁵⁸	<i>Haematological toxicity</i>	NR	NR	
	<i>Non-haematological toxicity</i>			
	Oesophagitis	G3-4 = 20	G3-4 = 8	G3-4 = 19
	Pneumonitis	G3-4 = 0	G3-4 = 3	G3-4 = 3
	Toxic deaths (n)	NR	NR	NR
Zhu 2009 ⁶⁰	<i>Haematological toxicity</i>	NR	NR	
	<i>Non-haematological toxicity</i>	NR	NR	
	Toxic deaths (n)	NR	NR	
Movsas 2010 ⁶¹	<i>Haematological toxicity</i>			
	Anaemia	G3-4 = 3	G3-4 = 19	
	Febrile neutropenia	G3-4 = 0	G3-4 = 6	
	Neutropenia	G3-4 = 28	G3-4 = 56	
	Thrombocytopenia	G3-4 = 6	G3-4 = 19	
	<i>Non-haematological toxicity</i>			
	Fatigue	G3-4 = 6	G3-4 = 16	
	Pneumonia	G3-4 = 3	G3-4 = 6	
	Radiation pneumonitis	G3-4 = 3	G3-4 = 0	
	Dyspnoea	G3-4 = 3	G3-4 = 9	
	Hypotension	G3-4 = 0	G3-4 = 6	
	Toxic deaths (n)	0	1	

NR, not reported.