Oxycodone two drug compatibility

Oxycodone (A) and clonazepam (B)

Drug	Dose in syringe (mg)	Volume in syringe (ml)	Concentration (mg/ml)	Diluent	Outcome	Comments
A	160	48	3.33	Water for Injection	Appeared compatible for 24h	Clinical observation
B	1		0.02			

Oxycodone (A) and cyclizine lactate (B)

Drug	Dose in syringe (mg)	Volume in syringe (ml)	Concentration (mg/ml)	Diluent	Outcome	Comments
A	7.5	8	0.94	Water for Injection	Appeared compatible for 24h	Clinical observation
B	150		18.75			
A	20	20.4	0.98	Water for Injection	Compatible for 24h	Chemical stability data[1]
B	20		0.98			
A	200	22	9.09	None	Compatible for 24h	Chemical stability data[1]
B	100		4.55			
A	200	23	8.70	None	Incompatible	Chemical stability data[1]
B	150		6.52			

Oxycodone (A) and dexamethasone sodium phosphate (B)

Drug	Dose in syringe (mg)	Volume in syringe (ml)	Concentration (mg/ml)	Diluent	Outcome	Comments
A	20	25	0.80	Water for Injection/Saline	Compatible for 24h	Chemical stability data[1]
B	20		0.80			
A	200	30	6.67	None	Compatible for 24h	Chemical stability data[1]
B	40		1.33			

Oxycodone (A) and haloperidol (B)

Drug	Dose in syringe (mg)	Volume in syringe (ml)	Concentration (mg/ml)	Diluent	Outcome	Comments
A	20	20.5	0.98	Water for Injection	Compatible for 24h	Chemical stability data[1]
B	2.5		0.12			
A	120	14	8.57	Water for Injection	Appeared compatible for 24h	Clinical observation
B	5		0.35			
A	200	23	8.70	None	Compatible for 24h	Chemical stability data[1]
B	15		0.65			

Oxycodone (A) and hyoscine butylbromide (B)

Drug	Dose in syringe (mg)	Volume in syringe (ml)	Concentration (mg/ml)	Diluent	Outcome	Comments
A	5	17.5	0.29	Water for Injection	Appeared compatible for 24h	Clinical observation
B	60		3.43			
A	10	14	0.71	Water for Injection	Appeared compatible for 24h	Clinical observation
B	60		4.29			
A	20	21	0.95	Water for Injection/Saline	Compatible for 24h	Chemical stability data[1]
B	20		0.95			
A	200	23	8.70	None	Compatible for 24h	Chemical stability data[1]
B	60		2.61			

Oxycodone (A) and hyoscine hydrobromide (B)

Drug	Dose in syringe (mg)	Volume in syringe (ml)	Concentration (mg/ml)	Diluent	Outcome	Comments
A	20	21.5	0.93	Water for Injection/Saline	Compatible for 24h	Chemical stability data[1]
B	0.6		0.03			
A	200	26	7.69	Water for Injection	Compatible for 24h	Chemical stability data[1]
B	2.4		0.09			

Oxycodone (A) and levomepromazine (B)

Drug	Dose in syringe (mg)	Volume in syringe (ml)	Concentration (mg/ml)	Diluent	Outcome	Comments
A	2.5	7.8	0.32	Water for Injection	Appeared compatible for 24h	Clinical observation
B	6.25		0.80			
A	10	17	0.59	Water for Injection	Appeared compatible for 24h	Clinical observation
B	12.5		0.74			
A	20	20.2	0.99	Water for Injection	Compatible for 24h	Chemical stability data[1]
B	5		0.25			
A	20	8	2.50	Water for Injection	Appeared compatible for 24h	Clinical observation
B	6.25		0.78			
A	20	8	2.50	Water for Injection	Appeared compatible for 24h	Clinical observation
B	12.5		1.56			
A	120	21	5.71	Water for Injection	Appeared compatible for 24h	Clinical observation
B	25		1.19			
A	200	28	7.14	None	Compatible for 24h	Chemical stability data[1]
B	200		7.14			

Oxycodone (A) and metoclopramide (B)

Drug	Dose in syringe (mg)	Volume in syringe (ml)	Concentration (mg/ml)	Diluent	Outcome	Comments
A	10	21	0.48	Water for Injection	Appeared compatible for 24h	Clinical observation
B	40		1.90			
A	20	26	0.77	Water for Injection	Compatible for 24h	Chemical stability data[1]
B	30		1.15			
A	20	17.5	1.14	Water for Injection	Appeared compatible for 24h	Clinical observation
B	60		3.43			
A	100	13.8	7.25	Water for Injection	Appeared compatible for 24h	Clinical observation
B	35		2.54			
A	200	40	5.00	Water for Injection	Compatible for 24h	Chemical stability data[1]
B	100		2.50			

Oxycodone (A) and midazolam (B)

Drug	Dose in syringe (mg)	Volume in syringe (ml)	Concentration (mg/ml)	Diluent	Outcome	Comments
A	2.5	21	0.12	Water for Injection	Appeared compatible for 24h	Clinical observation
B	5		0.24			
A	6	8	0.75	Water for Injection	Appeared compatible for 24h	Clinical observation
B	10		1.25			
A	15	17	0.88	Water for Injection	Appeared compatible for 24h	Clinical observation
B	5		0.29			
A	20	24	0.83	Water for Injection	Compatible for 24h	Chemical stability data[1]
B	20		0.83			
A	20	10	2.00	Water for Injection	Appeared compatible for 24h	Clinical observation
B	30		3.00			
A	30	17	1.76	Water for Injection	Appeared compatible for 24h	Clinical observation
B	10		0.59			
A	30	25	1.20	Water for Injection	Appeared compatible for 24h	Clinical observation
B	20		0.80			
A	40	Not known	?	Water for Injection	Appeared compatible for 24h	Clinical observation
B	10		?			
A	200	40	5.00	Water for Injection	Compatible for 24h	Chemical stability data[1]
B	100		2.50			

Oxycodone (A) and ondansetron (B)

Drug	Dose in syringe (mg)	Volume in syringe (ml)	Concentration (mg/ml)	Diluent	Outcome	Comments
A	5	16	0.31	Water for Injection	Appeared compatible for 24h	Clinical observation
B	8		0.50			

Oxycodone (A) and prochlorperazine mesylate (B)

Drug	Dose in syringe (mg)	Volume in syringe (ml)	Concentration (mg/ml)	Diluent	Outcome	Comments
A	20	21	0.95	Water for Injection/Saline	Incompatible	Chemical stability data[1]
B	12.5		0.60			
A	200	21	9.52	Water for Injection	Incompatible	Chemical stability data[1]
B	12.5		0.60			

Note: 'Appeared compatible' means that no obvious signs of incompatibility were observed, i.e. crystallisation, percipitation, discolouration.

1. Gardiner PR (2003) Compatibility of an injectable oxycodone formulation with typical diluents, syringes, tubings, infusion bags and drugs for potential co-administration. *Hospital Pharmacist*. **10**: 354-362.