**Table S4** Quality and safety of Midazolam RCTs and observational studies.

	Randomised controlled trials				
Study	Safety	Efficacy	Quality		
Anand 1999 [23]	Cardiovascular/respiratory: None mentioned in report  Withdrawal: Two neonates from the morphine group developed mild opioid withdrawal". There is no report of infants in the midazolam group suffering from withdrawal.	Sedation scores were not significantly altered from baseline in any groups. In the midazolam group, the COMFORT score was 15.9 (SD 3.8) before drug and 14.9 (SD 4.6) during drug administration. In the morphine sulphate group the COMFORT score was 17.3 (SD 4.6) before drug and 14.7 (SD 3.2) during drug administration. In the dextrose group, the COMFORT score was 15.6 (SD 3.2) before drug and 17.5 (4.2) during drug administration.  Overall clinical outcomes: Poor neurological outcomes in 24% of placebo group, 32% in midazolam group and 4% in morphine group.	Assessment of bias:  Sequence generation: Low risk Allocation concealment: Low risk Blinding: Low risk  Ascertainment of AE data:  Cardiovascular: No discussion in study methods Withdrawal: No mention in methods, although this is mentioned in the discussion: "all neonates were assessed with the Finnegan Neonatal Abstinence Scale at 12 and 24 hours (and then daily) after discontinuation of treatment with the study drug.  Reporting of AE data: It is unclear whether all infants were included in the safety analysis		
Arya 2001[22]	Cardiovascular/respiratory:	At 18 hours 13/14 children in the	Assessment of bias:		

Midazolam and placebo groups were 'comparable for hemodynamic variables' over the study period'. Heart rate, blood pressure and perfusion status were not different between the two groups. No infants developed hypotension after receiving midazolam.

Measures of oxygenation, ventilator parameters and blood gases remained similar between the two groups

Withdrawal: Not assessed

**Neurological:** No patients in the midazolam group were specifically reported to have developed 'epileptiform movements'.

However 2 patients in the placebo group developed this problem 24 hours after enrolment into the trial.

midazolam group were adequately sedated compared with 8/14 in the placebo group. At 24 hours 14/14 children in the midazolam group were adequately sedated compared with 9/13 in the placebo group.

Sequence generation: Low risk Allocation concealment: Low risk Blinding: Low risk

### Ascertainment of AE data:

Cardiovascular: actively sought.

Methods of measuring
haemodynamic parameters not
described. Definition for
hypotension/bradycardia not
given in physiological terms.
However the authors do say that
they monitored "haemodynamic
instability (hypotension,
tachycardia, oliguria) which would
require volume expansion and/or
vasoactive drugs"

Withdrawal: Not assessed

Neurological: The presence of epileptiform movements was actively monitored. Method of monitoring not described.

Reporting of AE data:

			Cardiovascular: Heart rate is
			reported numerically for the value
			taken immediately post-bolus, but
			descriptively for the remainder of
			the readings. Blood pressure itself
			is not reported at all, but the
			authors state that "after bolus of
			Midazolam or placebo none
			developed hypotension" and "the
			groups were comparable for their
			perfusion status and urine
			output" for the 48 hours after
			starting the infusion. It is unclear
			whether all babies were included
			in the safety analysis.
			Neurological: The authors state that 2 babies in the placebo group developed epileptiform movements, but do not specifically mention whether any babies in the Midazolam group developed these problems or not.
Jacqz-Alrgain 1994 [25]	Cardiovascular: Heart rate and blood pressure	"Continuous infusion of	Assessment of bias:
	were significantly lower in the Midazolam group	midazolam at doses adapted to gestational age induces effective	Sequence generation: Unclear

than placebo group. These were significantly different after 24 and 48 hours (p<0.01 and p<0.05 respectively). Although mean heart rate and systolic blood pressure remained lower until day 5, the differences were not statistically different between day 2 and day 5. At day 5 the mean values were equal.

Haemodynamic instability requiring inotropic support and/or volume expanders occurred in 8 babies from the midazolam group, and 6 from the placebo group

There were no differences between the groups in terms of oxygenation, ventilator support, chronic lung disease, necrotising enterocolitis or death.

Withdrawal: Not assessed

**Neurological:** One baby in the midazolam group was withdrawn because of 'major neurological disorders within 24 hours of inclusion'

sedation in newborn babies". In the midazolam group adequate sedation was present in 75 – 100% of babies during treatment whereas in the placebo group adequate sedation was present in 26 – 45% of babies during treatment.

Allocation concealment: Low risk

Blinding: low risk (Medical staff and trial personnel blinded)

#### Ascertainment of AE data:

Cardiovascular: Actively sought.
Methods of haemodynamic
assessment described.
Hypotension not defined in
physiological terms, but the
authors express the result as the
number of patients with
haemodynamic instability
(hypotension, tachycardia,
oliguria) requiring plasma volume
expanders and/or vasoactive
drugs.

Withdrawal: Not assessed

Neurological: actively sought. Method of exactly who monitored the patients and how often is not described.

# Reporting of AE data:

Cardiovascular: Haemodynamic variables and presence of haemodynamic instability are

			presented numerically for all groups. Unclear whether all babies included in safety analysis  Neurological: data on epileptiform movements not reported
Parkinson 1997[24]	Cardiovascular/respiratory:  None mentioned in report  Withdrawal: Not assessed  Neurological/behavioural:  No children exhibited abnormal behaviour after midazolam administration.  Prolonged sedation: No patient suffered from 'prolonged sedation' after midazolam	Midazolam appeared to be less effective than chloral hydrate/promethazine at sedating children requiring mechanical ventilation. In the chloral hydrate/promethazine group 61% of sedation assessments were classified as satisfactory whereas in the midazolam group 48% of sedation assessments were classified as satisfactory.	Assessment of bias:  Sequence generation: Low risk Allocation concealment: Low risk Blinding: Unclear. Method of blinding not described. It is possible that outcomes could be affected by this  Ascertainment of AE data:  Cardiovascular: not assessed Withdrawal: not assessed Neurological/Behavioural:

Tobias 2004 [21]	Cardiovascular/respiratory: There were no	36 morphine boluses were	Assessment of bias:
			analysis.
			were included in the safety
			All children who were randomised
			numerically for the two groups.
			sedation are described
			behaviour and prolonged
			The data relating to abnormal
			Reporting of AE data:
			is not given a priori.
			definition of 'prolonged sedation'
			the other reference. The
			in this paper, but is discussed in
			described here. The definition of 'abnormal behaviour' is not given
			1994). Methods are clearly
			methods used is given (Hughes
			this paper, but a reference for the
			behaviour are not described in
			used to assess abnormalities in
			Actively sought. The methods

	differences between the three treatment groups with regard to blood pressure. There were no adverse haemodynamic events (bradycardia or hypotension) in the midazolam group. Heart rate was significantly higher in the midazolam group (mean HR 142 bpm) as compared with Dexmedetomidine groups (mean HR 122 and 112)  Withdrawal: Not assessed	administered as rescue medication to the midazolam group, compared to 29 and 20 boluses administered to the 0.25 mcg/kg/hr Dexmedetomidine and 0.5 mcg/kg/hr Dexmedetomidine groups respectively. Total supplemental morphine required in midazolam group was 0.74 mg/kg/24 hours compared to 0.55 mcg/kg/24h and 0.28 mck/kg/24h in 0.25 mcg/kg/hr Dexmedetomidine and 0.5 mcg/kg/hr Dexmedetomidine groups respectively	Sequence generation: unclear Allocation concealment: unclear Blinding: unclear — it is unclear whether medical caregivers or trial personnel were blinded to intervention groups  Ascertainment of AE data: Cardiovascular: actively sought. Method of assessment of haemodynamic parameters not described.  Bradycardia/hypotension not defined in the methods  Withdrawal: not assessed  Reporting of AE data: Cardiovascular: data for BP/HR are presented
Freluyer 2005 [20]	The authors state that "no serious adverse event was reported during the study"  Cardiovascular/respiratory: Within one hour of	Estimated probability of baby receiving adequate sedation was 76.9% for the group receiving 200 micrograms/kg loading dose	Assessment of bias:  Sequence generation: Unclear Allocation concealment: unclear

n Alfen-van der	Cardiovascular/respiratory: After initiating	Not assessed	Assessment of bias:
			reported
			4,12,18,24 and 48 hours not
			subsequent measurements at
			reported at one hour, but
			safety analysis. HR and BP
			23 infants were included in the
			numerically. Unclear whether al
			Cardiovascular: Data presented
			Reporting of AE data:
			Withdrawal: Not assessed
			defined a priori in methods
			methods. Also 'transient' not
	Withdrawal: Not assessed		hypotension not defined in
	· ·		described. Bradycardia/
	heart rate was 4%. 2 patients developed pneumothorax.		haemodynamic parameters not
	haemodynamic support. Relative reduction in		Method of assessment of
	as 'very transient', and no patient required		Cardiovascular: actively sought.
	patients, in diastolic BP in 2 patients, and Mean ABP in 1 patient. All these changes were described		Ascertainment of AE data:
	decrease of >30% was noted in systolic BP in no		,
	7% (diastolic BP) and 6% (Mean Arterial BP). A		midazolam)
	starting midazolam, there was a decrease in median blood pressure values of 2% (systolic BP),		Blinding: Low risk (nurses and doctors blind to the dose of

Velden 2006 [19]

midazolam infusion there was a decrease in the mean cerebral blood volume and cerebral flow velocity. There was a decrease in mean peripheral oxygen saturation and MABP. In 7 infants hypotension was observed - occurring within 15 minutes. One of these required inotropic support and one required plasma expanders.

Decreases in arterial and transcutaneous oxygenation and cerebral blood oxygenation index were observed in 5 patients. These changes occurred within 5 minutes of starting midazolam. Two patients required increase in Fi02 and 1 required increase in PIP. These changes occurred in 6 patients treated with morphine. There was no significant change in blood gas values within 2 hours of administering midazolam.

Withdrawal: Not assessed

Sequence generation: unclear Allocation concealment: unclear

Blinding: Low risk

### **Ascertainment of AE data:**

Cardiovascular: actively sought.

Methods for haemodynamic assessment clearly described.

Definition for 'hypotension' given.

Other measurements defined.

Withdrawal: Not assessed

Neurological: Not described in study methods. Myoclonus not described or defined in results

## **Reporting of AE data:**

Cardiovascular: Data presented numerically by intervention group. 2 patients in each group

	Neurological: 5/11 patients treated with midazolam suffered from myoclonus. One of these patients was also hypocalcaemic		excluded from analysis of of blood flow data because of technical problems. All pat included in the other analy	f :ients
	Observational St	tudies		
Study	Safety	Efficac	cy Quality	
Bergman 1991	Cardio vascular: None described	Not as	ssessed. Ascertainment of AE data:	
[38]			Cardiovascular: not assesse	ed
	Withdrawal/neurological:			
			Withdrawal/neurological:	
	5 children had possible symptoms of decreased responsiveness,	, tongue	Retrospective analysis. It is	S
	thrusting, staring and shaking. These were "in the days after mi	idazolam was	unclear whether these wer	re
	stopped". 40 children had no symptoms. 3 had definite symptom	oms. In one	monitored at the time of	
	child this presented as poor interaction with the environment, i	rritability, a	recording the medical note	es.

	high-pitched cry, arching of the back, stiff and abnormal movements, an		Reporting: Reported numerically
	inability to swallow, poor visual following, no social interaction, a stiff		and descriptively.
	posture and small-amplitude choreic movements of the hands, feet and		
	tongue. In the second child, this presented as not looking at objects, no		
	social interaction with the environment and was in constant abnormal		
	motion. When awake the child had constant choreoathetotic movements of		
	the head, face, tongue and extremities. The third child did not display her		
	previous developmental abilities, followed movement inconsistently and		
	briefly, did not smile, coo or grasp, had frequent dyskinetic movements of		
	the mouth, including pursing and chewing movements and rapid, repetitive		
	tongue thrusting and had stiff posture.		
Booker 1986	Cardiovascular/respiratory:	The authors	Ascertainment of AE data:
[40]	The authors state that "at no time was any change in cardiovascular variables, or the need for cardiovascular support, attributed to the infusion of midazolam".	state that "clinically adequate sedation was obtained in 47 patients (94%)".	Cardiovascular: Actively sought. Methods of monitoring haemodynamic parameters described. Hypotension not defined.
	Withdrawal: Not assessed		Withdrawal: Not assessed
	<b>Endocrine:</b> The authors state that "cortisol secretion was not inhibited by this sedative regime".		Endocrine: Method of assessment described.  Reporting of AE data:
	<b>Local:</b> One patient displayed an area of redness around the infusion site but		Reporting of AL data.
	no other local complications were observed.		Cardiovascular: Data not
	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		presented numerically, but is
			presented descriptively

			Endocrine: Mean cortisol levels presented before and after synacthen stimulation
Ducharme 2005 [27]	Cardiovascular: none mentioned in the report  Withdrawal: The rates of withdrawal are unclear but it would appear that	Not assessed.	Ascertainment of AE data:
	several patients had a behavioural distress score of more than zero whilst weaning.		Cardiovascular: Not assessed
	wearing.		Withdrawal/neurological:
			Monitored prospectively.
			Methods of monitoring and
			recording described but the score
			used is unvalidated. "Behavioural
			distress" is not defined so
			significance of the score is not
			clear.
			Reporting: All the patients are
			described and their maximum
			behavioural distress score is
			described numerically.
Fonsmark	Cardiovascular: None mentioned in study report	Not assessed	Ascertainment of AE Data:
1999 [31]	<b>Withdrawal:</b> 12/38 patients who received midazolam were judged to be suffering from withdrawal		Cardiovascular: Not assessed

			Withdrawal: Actively sought in notes. However it is not clear whether the symptoms of withdrawal were actively monitored at the time of discontinuation of the drug.  Symptoms of withdrawal that were sought in the notes are
			defined.  Reporting of AE data:  Withdrawal: data presented numerically (ie number of
			patients suffering from withdrawal)
Franck 2004 [28]	15 patients underwent 693 assessments of withdrawal (2 patients did not receive midazolam).	Not assessed	Ascertainment of AE data:  Cardiovascular: not assessed
	Cardiovascular: none mentioned in the report		Withdrawal: monitored

	Withdrawal: Thirteen children exhibited signs of withdrawal on at least 3 assessments. The commonest symptoms, which occurred in "over one third of assessments when patients were experiencing withdrawal" were temperature>37.2 °C, 'sleeplessness', diarrhoea, dilated pupils and tremors		prospectively. Methods clearly described. A scoring system was used that was designed for this study, and 'preliminary' validation had been performed previously. Symptoms of withdrawal clearly defined.  Reporting of AE data: All children who had received midazolam were included in the analysis. The two children who did not receive midazolam are not analysed separately from the 13 patients who received midazolam and opiates.
Hartwig 1990 [39]	The authors mention no adverse effects of midazolam that were reported during the infusion. The authors claim that no patients suffered respiratory complications after extubation and discontinuation of midazolam.	Not assessed	Ascertainment of AE data:  Cardiovascular: not described  Withdrawal: Not described  Reporting of AE data:  Data not presented numerically, but is presented descriptively

Hughes 1994	Cardiovascular: None mentioned in the study report	Not assessed	Ascertainment of AE data:
[34]	<b>Withdrawal:</b> Nine patients had abnormal behaviour after stopping midazolam. 3 of these children had visual hallucinations, and one of these also had auditory hallucinations. 3 were 'clearly disorientated' and 2 patients did not recognize their parents, had puppet-like movements and laughed inappropriately. The duration of these symptoms lasted from 3 hours to 1		Cardiovascular: Not assessed  Withdrawal/abnormal behaviour: Actively sought. Methods of monitoring clearly described.  Definitions of withdrawal and
	week.  One child had a 'paradoxical reaction' to midazolam, and became agitated within 12 hours of starting the drug.		abnormal behaviour clearly stated.
	<b>Prolonged sedation:</b> 4/53 patients took 6 hours to 1 week to become fully alert.		Prolonged sedation: Not defined a priori. Methods used to assess prolonged sedation are described.
			Reporting of AE data: Presented numerically and descriptively.
Ista 2008 [26]	Cardiovascular/respiratory:  Hypertension was observed in ">13% of assessments" during weaning or after discontinuation of midazolam. No other cardiovascular symptoms were mentioned in the study report whilst midazolam was being received.	Not assessed	Ascertainment of AE data:  Cardiovascular: Actively sought as part of the withdrawal checklist.  The highest values for heart rate,

**Withdrawal:** Symptoms of withdrawal were observed in ">10% of assessments", and are presented here as "Symptom (number of patients experiencing symptom)

Central Nervous System irritability: Anxiety (41), agitation (57), Increased muscle tension (38), Slight muscle jerks (30), Uncoordinated movements (43), Tremors in response to stimuli (11), spontaneous tremors (9), Inconsolable crying (38), high pitched crying (18), grimacing (36), sleep reduction to <1 hour (54), sleep reduction to 1-3 hours (73), Seizures (4), Pupil dilatation (14), Hallucinations (8)

Gastrointestinal: Diarrhoea (45), vomiting (21), Increased gastric residuals after feeding (32), poor feeding (9)

respiratory rate and arterial blood pressure were automatically generated by the patient data management system for the previous 4 hours. Tachycardia clearly defined. Hypertension only monitored in those with arterial lines.

Withdrawal: Actively sought using a checklist composed by the authors for this study. The checklist was "approved by ten experienced pediatric

acqz-Aigrain	Cardiovascular:	Not assessed	Ascertainment of AE data:
			pattern'.
			'severely disturbed behaviour
			excluded because they had
			eligible for the review were
			who would otherwise have been
			reported numerically. 2 patients
			Withdrawal: All symptoms are
			Reporting of AE data:
			midazolam.
			24 hours of discontinuing
			observations were made within
			(range 1-67) days . 42% of these
			range 2-198) over a median of 6
			(Median 14 assessments/child,
			signs of withdrawal 2188 times
			79 participants were observed for
			feeding, tachycardia are not). The
			are defined, but many (eg poor
			listed. Some (eg sleep reduction)
			associated with withdrawal are
			questionnaire. The symptoms
	fever (39), sweating (32), sneezing (11), yawning (23), mottling (19)		discussion of the validation of this
	Autonomic dysfunction: tachycardia (53), tachypnoea (72), hypertension (42),		intensivists". There is no other

1992 [36]	Hypotension was observed in 4 children, ranging from 30 to 37 weeks gestation. In 3 of these the BP fell immediately after the initial bolus of midazolam. In the fourth patient the hypotension occurred while he was receiving an infusion, and happened immediately after a dose of fentanyl was given.		Cardiovascular: Unclear whether actively or passively sought. Unclear what methods used to monitor cardiovascular AE. Hypotension not defined Withdrawal: Not assessed
	Withdrawal: Not assessed		Reporting of AE data:  Cardiovascular: Presented numerically.
Jenkins 2007 [6]	Cardiovascular/respiratory:  None mentioned in report  Withdrawal: 34/267 intubated patients were reported to show phenomena that could be associated with withdrawal. 29/34 (85%) of these patients had received midazolam.	Not assessed	Ascertainment of AE data:  Cardiovascular: not collected  Withdrawal: Unsure whether data actively or passively sought. Data regarding withdrawal was prospectively collected. Investigators at participating centres did not have fixed clinical definition of what constitutes withdrawal – ie decision based on clinical judgement.  Reporting of AE data: Withdrawal: Presented

			numerically
Lloyd Thomas 1986 [50]	In 8 children there were no adverse effects of midazolam infusion reported.	The authors report that	Ascertainment of AE data:
	Cardiovascular/respiratory: The cardiovascular variables remained stable,	"satisfactory sedation was	Cardiovascular: Actively sought.
	and when patients were on CPAP, the ventilator parameters remained normal.	achieved in all patients"	Methods of monitoring haemodynamic parameters described. Hypotension not defined.
	<b>Prolonged sedation:</b> Two children had high plasma concentrations of midazolam. One had prolonged sedation lasting 20.5 hours. The second child		Withdrawal: Not assessed.
	also had prolonged sedation, lasting 200 minutes		Prolonged sedation: Not defined
	Withdrawal: Not assessed		Reporting of AE data:
	withdrawai: Not assessed		Data not presented numerically,
			but is presented descriptively
Pepperman	Cardiovascular/respiratory: none mentioned in study report	Not assessed	Ascertainment of AE data:
1997 [32]	Withdrawal: Not assessed		Cardiovascular: not assessed
	Metabolic/biochemical:		Withdrawal: not assessed
	Metabolic acidosis: 17/92 (18%) patients sedated with Midazolam developed		Metabolic: Metabolic acidosis
	'clinically significant metabolic acidosis'. This is compared to 17/106 (16%)		Retrospectively sought in medical
	patients receiving propofol who developed the same complication		notes (metabolic acidosis routinely sought). 'Metabolic
	Lipaemia: One patient treated with Midazolam had lipaemic serum		acidosis' defined

			Lipaemia; Retrospectively sought in medical notes (unclear how measured). 'Lipaemia' not defined.  Reporting of AE: presented numerically
Rosen 1991 [37]	Cardiovascular/respiratory: Blood pressure and heart rate remained within 10% of baseline values. In patients requiring inotropic support, no patients required an increase in these drugs during the midazolam infusion. No adverse respiratory effects were observed in the cohort of patients. Three patients underwent 'metabolic studies' – there was a mean 28% reduction in oxygen consumption, a 5% decrease in CO2 production, and a 5% rise in the respiratory quotient after starting midazolam.  Withdrawal/neurological: One patient had hallucinations and tremors that occurred 48 hours after abrupt discontinuation of midazolam. No seizures were observed during administration of the midazolam.	Midazolam infusions were effective in sedating all the children in the study.	Ascertainment of AE data:  Cardiovascular: Actively sought retrospectively in medical notes.  Methods of this are not described however.  Hypotension/tachycardia not defined. 'Metabolic studies':  Unclear whether actively or passively sought in notes. Only a proportion of patients underwent these investigations  Withdrawal/neurological: Unclear whether actively or passively sought in notes.  Reporting of AE data:

			Cardiovascular: Data not reported
			numerically
Shekerdemian	Cardiovascular:	Not assessed	Ascertainment of AE data:
1997 [33]			Cardiovascular: Actively sought,
	Cardiac output-there was a transient fall in cardiac output: after the initial		and methods clearly described.
	bolus of midazolam the mean Cardiac Index fell from 5.1(0.5)I/min to 3.7(0.4)		Adverse haemodynamic effects
	I/min, and after one hour were 4.6(0.4) I/min		not defined a priori.
	Oxygen consumption: fell by 16.5%(2.9)% after bolus of midazolam and then		Withdrawal: Not assessed
	rose in all but 3 patients by one hour.		Reporting of AE data:
	Mean heart rate: no significant change after 15 minutes, but slight rise at 1		Reporting of AE data.
	hour.		Cardiovascular: results reported
	nour.		numerically. All AE outcomes
	No change in right atrial pressure or left atrial pressure or systemic vascular		reported.
	resistance: No change. Pulmonary resistance: slight rise within first 15		reported.
	minutes in 4 patients with indwelling left atrial catheters – did not reach level		
	of statistical significance.		
	Withdrawal: Not assessed		
Sheridan 1994 [35]	Cardiovascular/respiratory:	Not assessed	Ascertainment of AE data:
[33]	The authors state that "No hypotension or problems weaning from		Cardiovascular: Retrospectively
	mechanical ventilation were seen secondary to the use of Midazolam		analysed from medical notes.
	infusion".		Method of data extraction not
	Withdrawal: Not assessed		described. 'Hypotension' not

	Neurological: 2 children had persistent disconjugate gaze and diminished responsiveness after extubation. This resolved spontaneously after five days in one patient, and after 14 days in the other. Both children made a complete recovery. CT scan of the head was normal.		defined.  Withdrawal: Not assessed  Neurological: Retrospective analysis from medical notes. Unclear whether actively sought in notes.  Reporting of AE data:  Cardiovascular: reported that patients had 'no hypotension'.  Withdrawal: Presented numerically and descriptively
Sheridan 2001 [30]	The authors state that 'all children survived to discharge and there was no perceived morbidity related to the high doses of background medication used during their acute illness'  Cardiovascular/respiratory:  Not specifically discussed in study report.  Withdrawal: One child suffered withdrawal symptoms after discontinuation of morphine and midazolam. These symptoms consisted of vomiting, tremulousness and sweating. The authors also report that 'all children were discharged without opiate or benzodiazepine medications'.	Not assessed	Ascertainment of AE data:  Cardiovascular: It is unclear whether haemodynamic adverse effects were actively sought, or identified by routine clinical monitoring on PICU  Withdrawal: It is unclear how the authors monitored for the presence of withdrawal symptoms. Withdrawal syndrome not defined a priori

			Reporting of AE data:  Data regarding withdrawal presented numerically.
Sheridan 2003[29]	Cardiovascular/respiratory:  Not specifically discussed in study report.  Withdrawal:  Authors state that "there were no withdrawal symptoms noted".	Not assessed	Ascertainment of AE data: Cardiovascular: Not assessed  Withdrawal: It is unclear how the authors monitored for the presence of withdrawal symptoms. Withdrawal syndrome not defined a priori  Reporting of AE data:  None reported