

National Institute for Health and Clinical Excellence

Clinical guideline: Sedation in Children

PRE-PUBLICATION CHECK ERROR TABLE

Comment number	Organisation	Order number	Section number in FULL guideline	Page number	ERROR REPORT	Response
1.	APA	1	Foreword	3	Grammar: Suggest "...is rarely published in clinical trials and can be difficult to interpret."	Thank you, this has been amended accordingly.
2.	APA	2	GDG	6	Dr Neil S. Morton, Reader in Paediatric Anaesthesia & Pain Management, Royal Hospital for Sick Children, Glasgow	Thank you, this has been amended accordingly.
3.	APA	3	Glossary of Terms	14	Definition of BLS (in hospital) is incorrect. Pocket masks and expired air ventilation are not part of IN HOSPITAL BLS practice.	Thank you, this has been amended accordingly.
4.	APA	4	1.5	31 L10-12	Grammar and meaning: "...and responds to verbal stimulus (known in dentistry as "conscious sedation") or light tactile stimulation." Delete next sentence. <i>Please note this is vitally important as the current wording implies that conscious sedation means verbal and tactile stimuli are required. This is not the case. If tactile stimuli are needed then the patient has gone beyond the dentist's definition of conscious sedation.</i>	Thank you, this has been amended accordingly.
5.	APA	5	3.1	50 L7	Spelling ... implementation (not implementations)	Thank you, this has been amended accordingly.

6.	APA	6	3.1	51 L31	Insertion: "Immediate access to age-appropriate resuscitation and monitoring equipment...."	Thank you for your comment. The developers feel the recommendation to be accurate.
7.	APA	7	3.1	52 L21	Insertion: to each bullet point add "...in children and young people."	Thank you for your comment. The developers feel the recommendation to be accurate. We believe it is implicit in the title of the guideline "Sedation in children and young people" that all the recommendations apply to children and young people.
8.	APA	8	3.2.1	55 L26	Insertion: sedation with nitrous oxide (up to inspired concentration of 50%) and oxygen	Thank you for your comment. The developers feel the recommendation to be accurate.
9.	APA	9	3.2.4 Rec 17	57 L15-20	Insertion: to each bullet point add "...in children and young people."	Thank you for your comment. The developers feel the recommendation to be accurate. We believe it is implicit in the title of the guideline "Sedation in children and young people" that the recommendation applies to children and young people.
10.	APA	10	3.2.4 Rec 18	57 L24	Insertion: sedation with nitrous oxide (up to inspired concentration of 50%) and oxygen	Thank you for your comment. The developers feel the recommendation to be accurate.
11.	APA	11	3.2.4 Rec 20	58 L10	Insertion: "...in children and young people."	Thank you for your comment. The developers feel the recommendation to be accurate. We believe it is implicit in the title of the guideline "Sedation in children and young people" that the recommendation applies to children and young people.
12.	APA	12	3.2.4 Rec 21	58 L17	Insertion: "...to children and young people...."	Thank you for your comment. The developers feel the recommendation to be accurate. We believe it is implicit in the title of the guideline "Sedation in children and young people" that the recommendation applies to children and young people.
13.	APA	13	3.2.5 Rec 23	58	Insertion: sedation with nitrous oxide (up to inspired concentration of 50%)	Thank you for your comment. The developers feel the recommendation

				L24	and oxygen	to be accurate.
14.	APA	14	3.2.8 Rec 33, 34	61 L16-27	Insertion: (see sections on training)	Thank you for your comment. The developers feel the recommendation to be accurate.
15.	APA	15	4.1.3	71 L45 72 L1-2	Grammar: Suggest “The sedation management of a child or young person who is assessed at ASA grade 3 or 4 should only be contemplated after discussion with a specialist in paediatric sedation or paediatric anaesthesia.	Thank you, this has been amended accordingly.
16.	APA	16	4.1.5	73 L11 Rec 2	Insertion: weight (growth assessment, calculate ideal body weight if obese)	Thank you for your comment. The developers feel the recommendation to be accurate.
17.	APA	17	4.2.5	82 Rec 9	Wording: sedation with nitrous oxide (up to inspired concentration of 50%) and oxygen	Thank you for your comment. The developers feel the recommendation to be accurate.
18.	APA	18	4.2.5	82 Rec 9	Insertion: last bullet point add...(known as conscious sedation in dentistry)	Thank you for your comment. The developers feel the recommendation to be accurate.
19.	APA	19	4.3.4	88 L11	Grammar: ...part of...	Thank you, this has been amended accordingly.
20.	APA	20	4.3.5	88 L34	Grammar:part of routine care (delete a)	Thank you, this has been amended accordingly.
21.	APA	21	4.4.3	91-93	Insertion throughout this section: There needs to be emphasis on age-appropriate training and skills. The danger here is that those trained in adult sedation will tackle children. Please throughout insert reminders about this important principle.	Thank you for your comment. Given the title of the guideline is “Sedation in children and young people” the developer believe it is clear enough the section on personnel and training refers to children and not to adults.
22.	APA	22	4.4.5	94 Rec 17	Insertion: for each bullet point add to/in children and young people	Thank you for your comment. The developers feel the recommendation to be accurate. We believe it is implicit in the title of the guideline “Sedation in children and young

						people” that the recommendation applies to children and young people.
23.	APA	23	4.4.5	94 Rec 18	Insertion: have the following age-appropriate life support skills	Thank you for your comment. The developers feel the recommendation to be accurate.
24.	APA	24	4.4.5	94 Rec 18	The asterisk* needs to also refer to the Moderate sedation category not just minimal sedation. The text below the table needs to be consistent with the rest of the guideline ie “sedation with nitrous oxide (up to inspired concentration of 50%) and oxygen (known as conscious sedation in dentistry)”	Thank you for your comment. The developers believe the recommendation to be accurate.
25.	APA	25	4.4.5	95 Rec 19	Insertion:trained in delivering anaesthetic agents to children and young people (see appendix J).....	Thank you for your comment. The developers feel the recommendation to be accurate. We believe it is implicit in the title of the guideline “Sedation in children and young people” that the recommendation applies to children and young people.
26.	APA	26	4.4.5	95 Rec 20	Insertion:covering the principles of sedation practice for children and young people	Thank you for your comment. The developers feel the recommendation to be accurate. We believe it is implicit in the title of the guideline “Sedation in children and young people” that the recommendation applies to children and young people.
27.	APA	27	4.5.3	97 L32	Wording: nitrous oxide (up to inspired concentration of 50%) and oxygen	Thank you for your comment. The developers feel the guideline to be accurate.
28.	APA	28	4.5.3	98 L3	Grammar:the patient....	Thank you, this has been amended accordingly.
29.	APA	29	4.5.3	98 L15	The answer to this question is not really provided until p101 Rec 26. The text of rec 26 should be inserted in this paragraph for clarity.	Thank you, this is in line with the structure of the guideline, where, for each topic (in this case, monitoring) we first list the questions and the GDG discussion, then all the

						recommendations at the end of the section.
30.	APA	30	4.5.5	99 Rec 23	This implies that for nitrous oxide alone then no clinical or electronic monitoring is needed. This recommendation needs re-written completely as for sedation with nitrous oxide (up to inspired concentration of 50%) and oxygen the depth of sedation, respiration, heart rate, pain, coping and distress all DO need to be monitored. Only oxygen saturation is NOT needed. Suggest: For moderate sedation continuously monitor....etc and add asterisk at pulse oximetry. Then for this asterisk add the following footnote: For sedation with nitrous oxide (up to inspired concentration of 50%) and oxygen pulse oximetry is not required but clinical observations should be used. In dentistry the target state is moderate sedation maintaining verbal contact throughout, also known as conscious sedation.	Thank you for your comment. The developers feel the guideline to be accurate. The GDG did not think that it was necessary to make a specific stand alone recommendation that trained healthcare professionals should observe or monitor pain, distress, and coping. The GDG did not think that monitoring heart rate respiratory rate or saturation are necessary during nitrous oxide conscious sedation.
31.	APA	31	4.6.3	103 L28	Spelling: stay not stays	Thank you, this has been amended accordingly.
32.	APA	32	6.3.4	183 L32	Grammar:with the use of....	Thank you, this has been amended accordingly.
33.	APA	33	6.8	264-275	Delete isoflurane throughout this whole section as this is not the same as sevoflurane and no studies of isoflurane were reviewed as far as we can ascertain. Isoflurane is NOT used for sedation or for induction of anaesthesia as it is too pungent.	Thank you for your comment. Isoflurane cannot be deleted as it was part of the clinical questions agreed at the beginning of the development. The evidence tables clearly indicate for which drug the literature was reviewed for. Because studies on isoflurane were not identified, the GDG did not

						recommend it.
34.	APA	34	6.8.4	275 L6	Add: ...specially trained sedation teams including a doctor trained in paediatric anaesthesia	Thank you, this has been amended accordingly.
35.	APA	35	6.12.3.3	348 L1	Insertion: Moderate sedation maintaining verbal contact (conscious sedation) with intravenous midazolam.....	Thank you, this has been amended accordingly.
36.	APA	36	6.12.3.3	348 L9-10	Wording: specially trained sedation teams including a doctor trained in paediatric anaesthesia	Thank you, the developers believe this paragraph on dentistry to be accurate.
37.	APA	37	General	General	Intravenous access: the APA feels strongly that a section clarifying the need for Intravenous access should be added to the guideline and to recommendations based on good practice consensus	The GDG discussed this issue during development. The GDG did not think that IV access was sufficiently important to formulate a "stand alone" recommendation. The GDG thought that the need for IV access depends upon the type of both the procedure and sedation technique and that trained healthcare practitioners would follow their local procedure protocols and practice.
38.	Cochrane Oral Health Group	1	General	General	No errors or comments	Thank you for your comment.
39.	Department of Health	1	3.2.3		<i>'For an elective procedure consider referring to a mental health specialist children or young people who are severely anxious or who have a learning difficulty.'</i> I think the sentence could be constructed differently to clarify meaning to avoid inappropriate referrals to overstretched mental health specialists. The pragmatic approach for many of these children is to perform procedures under general anaesthetic. If there are contraindications to GA, then it makes	Thank you for your comment. The developers feel the recommendation to be accurate.

					sense to involve child and adolescent mental health services.	
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