



ANAESTHESIA: NITROUS OXIDE

Potential for nitrous oxide sedation in pedodontics practice to reduce the need for dental general anesthesia [can be accessed on DOSS free by logging in on this page]	Quintessence Int 2022; 53 (7): 598-606
Child behaviour during dental care under nitrous oxide sedation: a cohort study using two different gas distribution systems	Eur Arch Paediatr Dent 2021; 22 (3): 409-415
Success rate of nitrous oxide-oxygen procedural sedation in dental patients: systematic review and meta-analysis	J Dent Anesth Pain Med 2021; 21 (6): 527-545
Nitrous oxide for dental procedures in pediatric patients with sickle cell disease: a pilot study [can be accessed on DOSS free by logging in on this page]	Pediatr Dent 2021; 43 (6): 481-483
Physiological effects, psychomotor analysis, cognition, and recovery pattern in children undergoing primary molar extractions under nitrous oxide sedation using two different induction techniques: a split-mouth randomized controlled clinical trial	Int J Clin Pediatr Dent 2021; 14 (Suppl 2): S131-S137
Effectiveness of intranasal dexmedetomidine with nitrous oxide compared to other pediatric dental sedation drug regimens [can be accessed on DOSS free by logging in on this page]	Pediatr Dent 2021; 43 (6): 457-462
Comparison of the sedative effect of inhaled nitrous oxide and intranasal midazolam in behavior management and pain perception of pediatric patients: a split-mouth randomized controlled clinical trial	Int J Clin Pediatr Dent 2021; 14 (Suppl 2): S111-S116
Nitrous oxide/oxygen effect on IANB injection pain and mandibular pulpal anesthesia in asymptomatic subjects	Anesth Prog 2021; 68 (2): 69-75
A retrospective evaluation of the safety profile of dexmedetomidine and nitrous oxide for pediatric dental sedation [can be accessed on DOSS free by logging in on this page]	Pediatr Dent 2021; 43 (2): 129-132
Comparative evaluation of changes in physiological and psychomotor effects in pediatric patients during extraction under different concentrations of nitrous oxide-oxygen inhalation sedation	Contemp Clin Dent 2021; 12 (4): 414-418
Prevalence and parental attitude toward nitrous-oxide and papoose-board use in two dental referral centers in Saudi Arabia: a cross-sectional study	Clin Cosmet Invest Dent 2021; (13): 531-539
Variations in physiological, psychomotor, and analgesic parameters during titration of nitrous oxide in 3-12 years old children managed with inhalation sedation	Int J Clin Pediatr Dent 2021; 13 (6): 650-655
Assessment of an equimolar mixture of oxygen and nitrous oxide: effects in pediatric dentistry	Int J Clin Pediatr Dent 2021; 12 (5): 429-436
Clinical effectiveness of inhalation conscious sedation with nitrous oxide and oxygen for dental treatment in uncooperative paediatric patients during COVID-19 outbreak	Eur J Paediatr Dent 2020; 21 (4): 277-282



ANAESTHESIA: NITROUS OXIDE

<p>There seems to be similar control of anxiety with diazepam, midazolam, and nitrous oxide in patients undergoing surgical maxillary third-molar extraction [free to members on Science Direct. If you do not have a login email library@bda.org to request one]</p>	<p>J Am Dent Assoc 2020; 151 (1): e8</p>
<p>Impact of experiential learning on dental students' training in nitrous oxide inhalation sedation [Accessible from the Wiley link on this page]</p>	<p>J Dent Educ 2020; 84 (12): 1399-1408</p>
<p>Practice of nitrous oxide inhalation sedation in dentistry during and after the COVID-19 pandemic</p>	<p>J Dent Anesth Pain Med 2020; 20 (4): 261-262</p>
<p>Nitrous oxide inhalation sedation in dentistry: An overview of its applications and safety profile</p>	<p>Singapore Dent J 2019; 39 (1): 11-19</p>
<p>Evaluation of the efficacy of nitrous oxide inhalation sedation on anxiety and pain levels of patients undergoing endodontic treatment in a vital tooth: A prospective randomized controlled trial</p>	<p>J Conserv Dent 2019; 22 (4): 356-361</p>
<p>A comparative evaluation of the sedative effects of nitrous oxide-oxygen inhalation and oral midazolam-ketamine combination in children</p>	<p>Int J Clin Pediatr Dent 2018; 11 (5): 399-405</p>
<p>Comparison of nitrous oxide/midazolam and nitrous oxide/promethazine for pediatric dental sedation: A randomized, cross-over, clinical trial</p>	<p>Dent Res J 2018; 15 (6): 411-419</p>
<p>Use of nitrous oxide for pediatric dental patients [can be accessed on DOSS free by logging in on this page]</p>	<p>Pediatr Dent 2018; 40 (6): 281-286</p>
<p>Policy on minimizing occupational health hazards associated with nitrous oxide [can be accessed on DOSS free by logging in on this page]</p>	<p>Pediatr Dent 2018; 40 (6):104-105</p>
<p>Nitrous oxide analgesic effect on children receiving restorative treatment on primary molars</p>	<p>Eur J Paediatr Dent 2018; 19 (3): 205-212</p>
<p>Complications caused by nitrous oxide in dental sedation</p>	<p>J Dent Anesth Pain Med 2018; 18 (2): 71-78</p>
<p>*****</p>	
<p>Effect of nitrous oxide on pulpal anesthesia: a preliminary study</p>	<p>Anesth Prog 2018; (65): 156-161</p>
<p>Does relative analgesia with nitrous oxide reduce the number of general anaesthetic sessions and dental loss? [Log in to the BDA home page and follow the link to the BDJ to access]</p>	<p>Br Dent J 2018; 224 (6): 429-433</p>
<p>Effect of a combination of intranasal ketorolac and nitrous oxide on the success of the inferior alveolar nerve block in patients with symptomatic irreversible pulpitis: a prospective, randomized, double-blind study [free to members on Science Direct. If you do not have a login email library@bda.org to request one]</p>	<p>J Endod 2018; (44): 9-13</p>
<p>Use of nitrous oxide for pediatric dental patients [can be accessed on DOSS free by logging in on this page]</p>	<p>Pediatr Dent 2017 / 2018; 39(6): 273-277</p>



ANAESTHESIA: NITROUS OXIDE

Nitrous oxide inhalation sedation through a nasal high-flow system: the possibility of a new technique in dental sedation	Anesth Prog 2017; (64): 175-177
A review of contemporary inhalation sedation guidelines and regulations related to treating children [can be accessed on DOSS free by logging in on this page]	Faculty Dent J 2017; 8(3): 112-118
Nitrous oxide and midazolam sedation: a systematic review and meta-analysis	Anesth Prog 2017; (64): 59-65
Temperament as a predictor of nitrous oxide inhalation sedation success	Anesth Prog 2017; (64): 17-21
The effect of various concentrations of nitrous oxide and oxygen on the hypersensitive gag reflex	Anesth Prog 2016; (63): 181-184
Inhalation conscious sedation with nitrous oxide and oxygen as alternative to general anesthesia in preoperative, fearful, and disabled pediatric dental patients: a large survey on 688 working sessions	BioMed Research Int 2016; [Epub] Art ID 7289310
Dentists' and parents' attitude toward nitrous oxide use in Kuwait	Anesth Prog 2016; 63(8): 8-16
Survey of American Academy of Pediatric Dentistry on nitrous oxide and sedation: 20 years later [can be accessed on DOSS free by logging in on this page]	Pediatr Dent 2016; 38(5): 385-392
Chronic pain relief after the exposure of nitrous oxide during dental treatment: longitudinal retrospective study	Arq Neuropsiquiatr 2015; 73(7): 578-581
Nitrous oxide safe practices	J Calif Dent Assoc 2016; 44(10): 647-648
Guideline on use of nitrous oxide for pediatric dental patients [can be accessed on DOSS free by logging in on this page]	Pediatr Dent 2015 / 2016; 37(6): 206-210
A placebo-controlled, double-blind, crossover trial on analgesic effect of nitrous oxide-oxygen inhalation [Accessible from the Wiley link on this page]	In J Paediatr Dent 2014; 24: 69-75
Nitrous oxide-oxygen administration; when safety features no longer are safe [free to members on Science Direct. If you do not have a login email library@bda.org to request one]	J Am Dent Assoc 2012 (143) 134-143
The absolute contraindication for using nitrous oxide with intraocular gases and other dental considerations with vitreoretinal surgery (request using https://www.smartsurvey.co.uk/s/PJHMV/)	Gen Dent 2013; (Sept-Oct): e6-e7
Horace Wells' demonstration of nitrous oxide in Boston	Anesthesiology 2013; 119(5): 1014-1022
The safety and efficacy of intranasal midazolam sedation combined with inhalation sedation with nitrous oxide and oxygen in paediatric dental patients as an alternative to general anaesthesia	SAAD Digest 2012 (26) Jan 12-22
Nitrous oxide scavenging in the 21st century	Scot Dental Mag 2011; 2(1): 47, 49
Breathing in the history	Scot Dental Mag 2011 Jun/Jul 3(2) 51-54



ANAESTHESIA: NITROUS OXIDE

Evaluation of two nitrous oxide scavenging systems using infrared thermography to visualize and control emissions [free to members on Science Direct. If you do not have a login email library@bda.org to request one]	J Am Dent Assoc 2009 (140) 190-199
Nitrous oxide and the inhalation anesthetics	Anesth Prog 2008 (55) 124-131
Inhalational conscious sedation with nitrous oxide enhances the cardiac parasympathetic component of heart rate variability [free to members on Science Direct. If you do not have a login email library@bda.org to request one]	Oral Surg Oral Med Oral Pathol 2008 (106) e1-e5
Use of nitrous oxide and oxygen for conscious sedation to manage pain and anxiety	JCDA 2007 (73) 711-711f
Exposure to nitrous oxide in a paediatric dental unit [Accessible from the Wiley link on this page]	Int J Paediat Dent 2007 (17) 116-122
A prospective randomized crossover study of the preemptive analgesic effect of nitrous oxide in oral surgery [free to members on Science Direct. If you do not have a login email library@bda.org to request one]	Oral Surg Oral Med Oral Pathol 2004 <u>98</u> 637-42
A randomised controlled trial of paediatric conscious sedation for dental treatment using intravenous midazolam combined with inhaled nitrous oxide or nitrous oxide/sevoflurane	Anesthesia 2004 (59) 844-52
Nitrous oxide concentrations in the posterior nasopharynx during administration by nasal mask [can be accessed on DOSS free by logging in on this page]	Ped Dent 2004 <u>26</u> 410-16
Clinical effects of nitrous oxide conscious sedation in children [can be accessed on DOSS free by logging in on this page]	Ped Dent 2004 26(1) 29-36
Nitrous oxide-oxygen: a new look at a very old technique	J Calif Dent Assoc 2003 (May)
Injection pain: comparison of three mandibular block techniques and modulation by nitrous oxide: oxygen [free to members on Science Direct. If you do not have a login email library@bda.org to request one]	JADA 2003 <u>134</u> 869-76
A randomised, controlled, crossover trial of oral midazolam and nitrous oxide for paediatric dental sedation	Anaesthesia 2002 <u>57</u> 860-7
Bispectral EEG index monitoring of high-dose nitrous oxide and low-dose sevoflurane sedation	Anesth Prog 2002 (49) 56-62
Nitrous oxide-oxygen or oral midazolam for pediatric outpatient sedation (request using https://www.smartsurvey.co.uk/s/PJHMV/)	Oral Surg Oral Med Oral Pathol 2002 (93) 643-6
Inhalation sedation with nitrous oxide as an alternative to dental general anaesthesia for children	J Pub Health Med 2003 <u>25</u> 303-12
Relative analgesia and general dental practitioners: attitudes and intentions to provide conscious sedation for paediatric dental extractions [Accessible from the Wiley link on this page]	Int J Paed Dent 2003 <u>13</u> 320-6



ANAESTHESIA: NITROUS OXIDE

Environmental monitoring of nitrous oxide during dental anaesthesia [Log in to the BDA home page and follow the link to the BDJ to access]	Br Dent J 2000 <u>188</u> (11) 617-619
Inhalation sedation: a viable alternative to general anaesthesia? (request using https://www.smartsurvey.co.uk/s/PJHMV/)	Dent Update 1999 <u>26</u> (3) 110-111
Children's sense of pleasure from nitrous oxide therapy during dental visits (request using https://www.smartsurvey.co.uk/s/PJHMV/)	J Clin Ped Dent 1998 <u>22</u> (3) 199-202
Investigation of nitrous oxide pollution arising from inhalational sedation for the extraction of teeth in child patients [Accessible from the Wiley link on this page]	Int J Paed Dent 1998 <u>8</u> (2) 93-102
Nitrous oxide: past, present and future (request using https://www.smartsurvey.co.uk/s/PJHMV/)	SAAD Digest 1997 <u>14</u> (1/2) 13-35
Nitrous-oxide use. 2. Risk, compliance, and exposure levels among Nebraska dentists and dental assistants (request using https://www.smartsurvey.co.uk/s/PJHMV/)	Gen Dent 1997 <u>45</u> (1) 82-86
Nitrous-oxide use. 1. Risk of potential exposure and compliance among Nebraska dentists and dental assistants (request using https://www.smartsurvey.co.uk/s/PJHMV/)	Gen Dent 1996 <u>44</u> (6) 520-523
Nitrous oxide sedation: understanding the benefits and risks (request using https://www.smartsurvey.co.uk/s/PJHMV/)	Am J Dent 1995 <u>8</u> (1) 47-50
The hazards of chronic exposure to nitrous oxide: an update (request using https://www.smartsurvey.co.uk/s/PJHMV/)	Br Dent J 1995 <u>178</u> (3) 95-100
Dentistry and anaesthesia (request using https://www.smartsurvey.co.uk/s/PJHMV/)	Br Dent J 1993 <u>175</u> (4) 135-138
Dental treatment of fearful children using nitrous oxide part 4: anxiety after two years (request using https://www.smartsurvey.co.uk/s/PJHMV/)	ASDC J Dent Child 1993 <u>60</u> (4) 372-376
Dental treatment of fearful children using nitrous oxide part 3: anxiety during sequential visits (request using https://www.smartsurvey.co.uk/s/PJHMV/)	ASDC J Dent Child 1993 <u>60</u> (3) 175-182
Nitrous oxide and fertility part 1 (request using https://www.smartsurvey.co.uk/s/PJHMV/)	Gen Dent 1993 <u>41</u> (2) 122-123
Nitrous oxide and fertility part 2 (request using https://www.smartsurvey.co.uk/s/PJHMV/)	Gen Dent 1993 <u>41</u> (2) 212-214
Assessing environmental health concerns associated with nitrous oxide (request using https://www.smartsurvey.co.uk/s/PJHMV/)	J Am Dent Assoc 1992 <u>123</u> (12) 41-47
The effects of various dental procedures and patient behaviours upon nitrous oxide scavenger effectiveness (request using https://www.smartsurvey.co.uk/s/PJHMV/)	Pediatr Dent 1992 <u>14</u> (1) 19-25
Fear control with nitrous oxide sedation (request using https://www.smartsurvey.co.uk/s/PJHMV/)	SAAD Digest 1992 Dec 9(4) 69



ANAESTHESIA: NITROUS OXIDE

Dental treatment of fearful children using nitrous oxide part 1: treatment times (request using https://www.smartsurvey.co.uk/s/PJHMV/)	ASDC J Dent Child 1991 <u>58</u> (6) 453-457
Dental treatment of fearful children using nitrous oxide part 2: the parent's point of view (request using https://www.smartsurvey.co.uk/s/PJHMV/)	ASDC J Dent Child 1991 <u>59</u> (2) 115-119
Nitrous oxide and its abuse (request using https://www.smartsurvey.co.uk/s/PJHMV/)	J Am Dent Assoc 1991 <u>122</u> (2) 48-52
Inhalation sedation (relative analgesia) with oxygen/nitrous oxide gas mixtures: 1 – principles (request using https://www.smartsurvey.co.uk/s/PJHMV/)	Dent Update 1990 <u>17</u> (4) 139-146
Health hazards and nitrous oxide: a time for reappraisal	Anesth Prog 1991 <u>38</u> (1) 1-11
Inhalation sedation (relative analgesia) with oxygen/nitrous oxide gas mixtures: 2 - practical techniques (request using https://www.smartsurvey.co.uk/s/PJHMV/)	Dent Update 1990 <u>17</u> (5) 190-196
Complications of nitrous oxide, intravenous sedation and general anaesthesia in the oral and maxillofacial surgery office (request using https://www.smartsurvey.co.uk/s/PJHMV/)	Oral Maxillofac Surg Clin N Am 1990 <u>2</u> (3) 641-652
The use of nitrous oxide-oxygen inhalation sedation with local anaesthesia as an alternative to general anaesthesia for dental extractions in children (request using https://www.smartsurvey.co.uk/s/PJHMV/)	Br Dent J 1990 <u>168</u> (10) 395-398
The combined effect of nitrous oxide and oxygen and electrical stimulation during restorative dental treatment (request using https://www.smartsurvey.co.uk/s/PJHMV/)	J Am Dent Assoc 1989 <u>118</u> (6) 733-736
Nitrous oxide, part 1: historical perspective and patient selection (request using https://www.smartsurvey.co.uk/s/PJHMV/)	Compend Contin Educ Dent 1989 <u>10</u> (6) 350-399
A comparison of the effectiveness of nitrous oxide scavenging devices (request using https://www.smartsurvey.co.uk/s/PJHMV/)	J Can Dent Assoc 1989 <u>55</u> (7) 535-537
The mechanisms of nitrous oxide scavenging devices (request using https://www.smartsurvey.co.uk/s/PJHMV/)	J Can Dent Assoc 1989 <u>55</u> (7) 531-534
The effects of nitrous oxide on anxious young paediatric patients across sequential visits: a double-blind study (request using https://www.smartsurvey.co.uk/s/PJHMV/)	J Dent Child 1988 <u>55</u> (3) 220-230
Potential problems associated with occupational exposure to nitrous oxide (request using https://www.smartsurvey.co.uk/s/PJHMV/)	J Can Dent Assoc 1988 <u>54</u> (4) 277-286
Dental sedation: a review (request using https://www.smartsurvey.co.uk/s/PJHMV/)	Br Dent J 1988 <u>165</u> (6) 207-216
Treating dental fears using nitrous oxide oxygen inhalation and systematic desensitization (request using https://www.smartsurvey.co.uk/s/PJHMV/)	Gen Dent 1988 <u>36</u> (4) 322-326



ANAESTHESIA: NITROUS OXIDE

A comparison of the Cyprane and Sampson nasal mask scavengers during relative analgesia (request using <https://www.smartsurvey.co.uk/s/PJHMV/>) Br Dent J 1987 163 (4) 111-115

The use of nitrous oxide in the treatment of children: results of a controlled study (request using <https://www.smartsurvey.co.uk/s/PJHMV/>) J Am Dent Assoc 1986 112 (3) 325-331