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Reducing the environmental impact of nitrous oxide in dentistry: a national quality improvement project	BDJ 2026; 240 (2): 102-106
Does virtual reality reduce dental treatment stress in patients with dental anxiety? A comparison with nitrous oxide sedation: A crossover study [Accessible from the Wiley link on this page]	Spec Care Dent 2025; 45 (5): e70100
Efficacy of virtual reality hypnosis versus conscious sedation with nitrous oxide in the management of dental anxiety in pediatric dentistry: protocol for a prospective randomized controlled trial	Trials 2025; 26: 201
Evaluation of dental treatment under nitrous oxide-oxygen inhalation sedation in pediatric patients with dental anxiety: a 10-year retrospective study	BMC Oral Health 2025; 25: 1171
SIOI Policy on nitrous oxide/oxygen anxiolysis in paediatric dentistry	Eur J Paediatr Dent 2025; 26 (2): 165-168
SONOPS multicentre cross-sectional study of the nitrous oxide perception and use in French dental students	Int Dent J 2025; 75 (3): 1855-1863
“Cracking” the code on nitrous oxide safety in the dental setting [can be accessed on DOSS free by logging in on this page]	Compendium Contin Educ Dent 2025; 46 (1): 16-20
Temperament and past behaviour can predict behaviour success for nitrous oxide sedation [Accessible from the Wiley link on this page]	Int J Paediatr Dent 2025; 35 (1): 68-79
Evaluating the success of rapid titration on children with different temperament during nitrous oxide inhalation sedation in a pediatric dental setup	Int J Clin Pediatr Dent 2025; 18 (5): 522-526
Evaluation of anxiolytic, amnesic, and psychomotor effects of nitrous oxide inhalation sedation: an in vitro study	Int J Clin Pediatr Dent 2025; 18 (4): 436-443
Estimated carbon emissions associated with dental treatment for early childhood caries [can be accessed on DOSS free by logging in on this page]	Pediatr Dent 2024; 46(4): 248-252
Climate-conscious sedation: how can we sustainably manage dental anxiety using inhalation sedation [Log in to the BDA home page and follow the link to the BDJ to access]	BDJ 2024; 237(2): 87-92
Inhaled methoxyflurane - an explorable alternative to nitrous oxide?	BDJ 2024; 236(9): 680-682
Inhaled methoxyflurane (Penthrox) administration in dentistry as an alternative to nitrous oxide sedation: a review and feasibility study [Review] [Log in to the BDA home page and follow the link to the BDJ to access]	BDJ 2024; 236 (2): 124-129
Comparison of basic and advanced behaviour management techniques between Colombian and Spanish parents during regular treatment and in emergency situations	Eur J Paediatr Dent 2023; 24 (4): 322-328
Nitrous oxide and hypnotherapy in paediatric dentistry	Eur J Paediatr Dent 2023; 24 (3): 229-237

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Postoperative epistaxis following dental treatment with nitrous oxide/oxygen sedation [Review]	Anesth Prog 2023; 70 (2): 75-79
Sedative and adverse effect comparison between oral midazolam and nitrous oxide inhalation in tooth extraction: a meta-analysis	BMC Oral Health 2023; 23: 307
Changes in children's dental fear after restorative treatment under different sedation types: Associations with parents' experiences and dental health [Accessible from the Wiley link on this page]	Int J Paediatr Dent 2023; 33 (6): 567-576
Pharmacological management of the dentally anxious patient [can be accessed on DOSS free by logging in on this page]	Compendium of Continuing Education in Dentistry 2023; 44(3): 128-134
Let's be more conscious about the misuse of nitrous oxide	BDJ 2023; 234: 652-3
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
Effectiveness and safety of elevated dosages of nitrous oxide on behavior management in pediatric dentistry	J Clin Pediatr Dent 2022; 46(1): 58-61
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
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]	J Am Dent Assoc 2020; 151 (1): e8
Impact of experiential learning on dental students' training in nitrous oxide inhalation sedation [Accessible from the Wiley link on this page]	J Dent Educ 2020; 84 (12): 1399-1408
Practice of nitrous oxide inhalation sedation in dentistry during and after the COVID-19 pandemic	J Dent Anesth Pain Med 2020; 20 (4): 261-262
Nitrous oxide inhalation sedation in dentistry: An overview of its applications and safety profile	Singapore Dent J 2019; 39 (1): 11-19
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	J Conserv Dent 2019; 22 (4): 356-361
A comparative evaluation of the sedative effects of nitrous oxide-oxygen inhalation and oral midazolam-ketamine combination in children	Int J Clin Pediatr Dent 2018; 11 (5): 399-405
Comparison of nitrous oxide/midazolam and nitrous oxide/promethazine for pediatric dental sedation: A randomized, cross-over, clinical trial	Dent Res J 2018; 15 (6): 411-419
Use of nitrous oxide for pediatric dental patients [can be accessed on DOSS free by logging in on this page]	Pediatr Dent 2018; 40 (6): 281-286
Policy on minimizing occupational health hazards associated with nitrous oxide [can be accessed on DOSS free by logging in on this page]	Pediatr Dent 2018; 40 (6):104-105
Nitrous oxide analgesic effect on children receiving restorative treatment on primary molars	Eur J Paediatr Dent 2018; 19 (3): 205-212
Complications caused by nitrous oxide in dental sedation	J Dent Anesth Pain Med 2018; 18 (2): 71-78
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Effect of nitrous oxide on pulpal anesthesia: a preliminary study	Anesth Prog 2018; (65): 156-161

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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]	Br Dent J 2018; 224 (6): 429-433
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Use of nitrous oxide for pediatric dental patients [can be accessed on DOSS free by logging in on this page]	Pediatr Dent 2017 / 2018; 39(6): 273-277
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 precooperative, 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
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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
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 98 637-42
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 26 410-16
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)
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A randomised, controlled, crossover trial of oral midazolam and nitrous oxide for paediatric dental sedation	Anaesthesia 2002 57 860-7
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Inhalation sedation with nitrous oxide as an alternative to dental general anaesthesia for children	J Pub Health Med 2003 25 303-12
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 13 320-6
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 188 (11) 617-619
Inhalation sedation: a viable alternative to general anaesthesia? (request using https://www.smartsurvey.co.uk/s/PJHMV/)	Dent Update 1999 26 (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 22 (3) 199-202
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The hazards of chronic exposure to nitrous oxide: an update (request using https://www.smartsurvey.co.uk/s/PJHMV/)	Br Dent J 1995 178 (3) 95-100
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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 14 (1) 19-25
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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 118 (6) 733-736
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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
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