AMERICA'S PEDIATRIC DENTISTS
THE BIG AUTHORITY on little teeth®

PEDIATRIC DENTISTRY SAFETY TOOLKIT

UPDATED MAY 2024
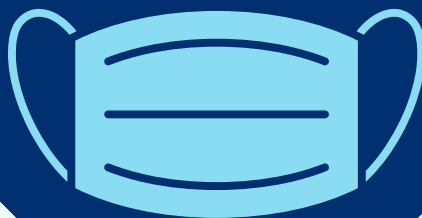
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- Patient Safety Primer: Culture of Safety: (AHRQ Patient Safety Network)
- Small Business Safety and Health Handbook (OSHA)
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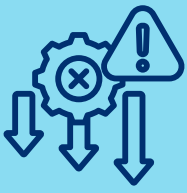
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- An Algorithm-Based Approach for Behavior and Disease Management in Child (Research Article)
- National Patient Safety Goals® Effective January 2024 for the Ambulatory Health Care Program (The Joint Commission)
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- Risk Management: Preventing Medical Errors in Dentistry (Today's RDH)

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- *Checklist* for Dental Unit Water Quality Improvement: Putting it All Together (OSAP)
- Dental Unit Water Quality: Organization for Safety, Asepsis, and Prevention White Paper and Recommendations–2018 (OSAP)
- Dental Unit Waterlines (ADA)
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- Effective Nitrous Oxide/Oxygen Administration for Children (CE Course)
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- Sedation Record (AAPD)
- "Ten Minutes Saves a Life" ADSA Medical/Sedative Emergencies App (ADSA)

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- Guidelines for the Use of Sedation and General Anesthesia by Dentists (ADA)

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- ADA Center for Professional Success: Informed Consent and Refusal (ADA)
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- Medicaid Compliance for the Dental Professional (CMS)
- Pediatric Dentistry Record Keeping Best Practice (AAPD)

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- Importance of Quality of Medical Record: Differences in Patient Safety Incident Inquiry Results According to Assessment for Quality of Medical Record (Research Article)

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- Breach Reporting (HHS)
- Cyber Essentials Starter Kit: The Basics for Building a Culture of Cyber Readiness (CISA)
- Security Risk Assessment Tool (HealthIT.gov)

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- HealthIT.gov Education and Training for Providers and Professionals (HHS)
- Top Ten Tips for Cybersecurity in Health Care (HHS)

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- CPR and First Aid Algorithms (AHA)
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- Tip Sheet on Managing Patients' Medical Emergencies (ADA)
- The Red Flags of Syncope (DPSF)

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- Pediatric Emergency, Assessment, Recognition and Stabilization (PEARS)

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- Image Gently During Dental Procedures (Alliance for Radiation Safety in Pediatric Imaging)
- Radiation Safety in Dental Practices (CDA)
- Tip Sheet on Emergency Preparedness (ADA)
- Toy Safety *Checklist* (UCSF Childcare Health Program)

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- Advancing Health Equity through Antimicrobial Stewardship Recordings (The Society for Healthcare Epidemiology of America)
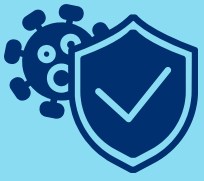
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- Information for Medical Professionals: Diagnosis: Climate change harms health and disrupts healthcare delivery (The Lancet)
- Sustainability in Dentistry Interactive Toolkit (FDI)

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- A Pediatric Provider's Guide to Supporting the Family of a Gender-Expansive Child or Adolescent
- NAMI Teen & Young Adult HelpLine

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- Trauma-Informed Care Trainings for Health Care Professionals (UMass Chan Medical School)
- Overview of Trauma and Resilience (AAP)
- Physiology of Trauma (AAP)

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- OSHA Dentistry Workplace Hazards: Standards, Enforcement, Hazard Recognition, Control & Prevention
- Policy on Minimizing Occupational Health Hazards Associated with Nitrous Oxide
- Tips to Encourage Employee Input

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- ADA OSHA Training: Guidance for the Dental Team

Library

Developing a Culture of Safety

- Ambulatory Health Care: 2024 National Patient Safety Goals (The Joint Commission)
- Assessment of Bias in Patient Safety Reporting Systems Categorized by Physician Gender, Race and Ethnicity, and Faculty Rank A Qualitative Study (Research Article)
- Balancing "No Blame" with Accountability in Patient Safety (Journal Article)
- Creating a Culture of Safety in Dental Practice Settings (Magazine Article)
- Developing a Reporting Culture: Learning from Close Calls and Hazardous Conditions (The Joint Commission))
- Error, Stress, and Teamwork in Medicine and Aviation: Cross Sectional Surveys (Research Article)
- Factors Affecting Patient Safety Culture Among Dental Healthcare Workers: A Nationwide Cross-Sectional Survey (Research Article)
- From Good To Better: Toward a Patient Safety Initiative in Dentistry (Research Article)
- Improved Safety Culture and Teamwork Climate Are Associated With Decreases in Patient Harm and Hospital Mortality Across a Hospital System (Research Article)
- Improving Patient and Worker Safety: Opportunities for Synergy, Collaboration, and Innovation (The Joint Commission)
- Patient Safety Curriculum Guide: Multi-Professional Edition (WHO)
- Safety in Dentistry: Perspectives and Directions (CDA)
- To Err is Human: Building a Safer Health System (IOM/NAM)
- Developing a Patient Safety Culture in Primary Dental Care (Research Article)

Library

Infection Control

- CDC's Core Infection Prevention and Control Practices for Safe Healthcare Delivery in All Settings
- Creating a Culture of Safety in Dental Practice Settings: Defining the Role of the Infection Control Coordinator (Magazine Article)
- Infection Control by Topic for Dental Settings (CDC)
- Infection Control Checklist for Mobile Vans or Portable Dental Equipment (OSAP)
- Infection Control in Healthcare Personnel: Epidemiology and Control of Selected Infections Transmitted Among Healthcare Personnel and Patients (CDC)
- Infection Prevention & Control in Dental Settings (CDC)
- Laser Dentistry in Daily Practice During the COVID-19 Pandemic: Benefits, Risks, and Recommendations for Safe Treatment (Research Article)
- MMWR: Guidelines for Infection Control in Dental-Healthcare Settings (CDC)
- Needlestick Injuries in Dentistry: Time to Revisit (Research Article)
- Oral Health Topics: Infection Control and Sterilization (ADA)
- Project Firstline (CDC)
- Research Gaps in Patient and Healthcare Personnel Safety (CDC)
- Selected References for Infection Prevention and Control by Topic Area for Dental Settings (CDC)
- Standard 241, Control of Infectious Aerosols (ASHRAE)
- Steps for Evaluating an Infection Control Breach (CDC)
- Summary of Infection Prevention Practices in Dental Setting: Basic Expectations for Safe Care (CDC)
- Toys Are a Potential Source of Cross-Infection in General Practitioners' Waiting Room (Research Article)
- Understanding the Role of Facility Design in the Acquisition and Prevention of Healthcare-Associated Infections (AHRQ)

Library

Medical Error Reduction

- Adaptation of Airline Crew Resource Management Principles to Dentistry (Research Article)
- Adverse Events in Pediatric Dentistry: An Exploratory Study (Research Article)
- Assessment of Bias in Patient Safety Reporting Systems Categorized by Physician Gender, Race and Ethnicity, and Faculty Rank A Qualitative Study (Research Article)
- Best Practice Recommendations to Reduce Medication Errors (Massachusetts Hospital Association and Massachusetts Coalition for the Prevention of Medical Errors)
- Challenges And Opportunities For Improving Patient Safety Through Human Factors And Systems Engineering (Review Article)
- Dangers of Dental Devices as Reported in the Food and Drug Administration Manufacturer and User Facility (Research Article)
- Eleven Basic Procedures/Practices for Dental Patient Safety (Research Article)
- Feasibility of Electronic Health Record–Based Triggers in Detecting Dental Adverse Events (Research Article)
- From Good to Better; Toward a Patient Safety Initiative in Dentistry (Research Article)
- Human Factors Analysis in Patient Safety Systems
- Lessons Learnt from Dental Patient Safety Case Reports (Research Article)
- Reducing Prescribing Error: Competence, Control, and Culture (Research Article)
- Systematic Review of Patient Safety Interventions in Dentistry (Research Article)

Library

Waterline Safety

- Assessment of Nosocomial Bacterial Contamination in Dental Unit Waterlines: Impact of Flushing (Research Article)
- Comparison Between Two Types of Dental Unit Waterlines: How Evaluation of Microbiological Contamination Can Support Risk Containment (Research Article)
- Dental Unit Waterlines: OSAP Recommendations to Clinicians (OSAP)
- Dental Unit Water Quality (CDC)
- Effect of Different Disinfection Protocols on Microbial and Biofilm Contamination of Dental Unit Waterlines in Community Dental Practices (Research Article)
- Management of Dental Unit Waterline Biofilms in the 21st Century (Research Article)
- Microbial Contamination of Dental Unit Waterlines and Potential Risk of Infection: A Narrative Review (Research Article)
- Notes from the Field: Mycobacterium abscessus Infections Among Patients of a Pediatric Dentistry Practice — Georgia, 2015 (Research Article)
- Outbreak of Invasive Nontuberculous Mycobacterium (NTM) Infections Associated With a Pediatric Dental Practice (Research Article)
- Outbreaks of Nontuberculous Mycobacteria Infections Highlight Importance of Maintaining and Monitoring Dental Waterlines (Research Article)

Nitrous Oxide Safety

- Being Careful with Nitrous: Limit Exposure Risks with the Use of Nitrous in the Dental Setting (RDH Magazine)
- Control of Nitrous Oxide in Dental Operatories (NIOSH)
- Evaluation of Nitrous Oxide Exposure at a Dental Center (NIOSH)
- Hazardous Substance Fact Sheet: Nitrous Oxide (Fact Sheet)
- Health and Safety Practices Survey of Healthcare Workers: Nitrous Oxide in Dental Settings (NIOSH)
- Loss of Vision Caused by Expansion of Intraocular Perfluoropropane (C(3)F(8)) Gas During Nitrous Oxide Anesthesia (Research Article)
- Nitrous Oxide Anesthesia in the Presence of Intraocular Gas Can Cause Irreversible Blindness (Research Article)
- Nitrous Oxide Toolkit (OSAP)
- Pocket Guide to Chemical Hazards: Nitrous Oxide (NIOSH)
- Update on Nitrous Oxide in Dentistry (NIOSH)

Library

Sedation and General Anesthesia Safety

- Conscious Sedation: Emerging Trends in Pediatric Dentistry (Research Article)
- Impact of Obesity on Sedation Diagram (Infographic)
- Implementation of a Modified WHO Pediatric Procedural Sedation Safety Checklist and Its Impact on Risk Reduction (Research Article)
- Management of Apnea in Procedural Sedation Infographic (Infographic)
- Oral Sedation for Dental Procedures in Children (Book)
- Pediatric Procedural Sedation During the COVID-19 Pandemic and Beyond Consensus Guidelines (Society for Pediatric Sedation)
- Policy for Selecting Anesthesia Providers for the Delivery of Office-based Deep Sedation/General Anesthesia (AAPD)
- Risk Reduction in Pediatric Procedural Sedation by Application of an American Academy of Pediatrics/American Society of Anesthesiologists Process Model (AAP/ASA)
- Sedation and Anesthesia for the Adolescent Dental Patient (CE Activity)
- Stepwise Approach to Procedural Sedation Outside of the OR During COVID-19 (Infographic)
- Texas Health and Human Services Commission Inspector General Pediatric Dental Sedation Inspection Medicaid Dental Providers (Report)
- The Safety of Sedation for Overweight/Obese Children in the Dental Setting (Research Article)
- Trends in Outpatient Procedural Sedation Part 2: Adverse Effects (Infographic)
- Upper Airway Obstruction (Infographic)
- Use of Anesthesia Providers in the Administration of Office-based Deep Sedation/General Anesthesia to the Pediatric Dental Patient (AAPD)

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Personnel Security

- ADA Tip Sheet on Employee-on-Employee Violence (American Dental Association)
- A Practical Guide to Emergency Preparedness for Office-Based Family Physicians (Research Article)
- Caring for our Caregivers: Preventing Workplace Violence: A Road Map for Healthcare Facilities (OSHA)
- Physical and Verbal Violence Against Health Care Workers (The Joint Commission)
- Preventing Violent and Criminal Events (The Joint Commission)
- Access Control Solutions for Hospitals and Healthcare Facilities (Magazine Article)
- Establishing a Hospital Security Plan That Works (The Joint Commission)
- International Association for Healthcare Security and Safety Resources (IAHSS)
- Security Design Guidelines for Healthcare Facilities 2020 (IAHSS)
- Security Personnel Practices and Policies in U.S. Hospitals: Findings From a National Survey (Article)
- Physical Security and Resiliency Design Manual (U.S. Dept of Veterans Affairs)

Library

Comprehensive Informed Consent

- Consent, Restraint, and People with Special Needs: A Review (Research article)
- Ethics in Medicine: Informed Consent (University of Washington)
- Informed Consent (Research Article)
- Informed Consent and Decision Making: The Code of Medical Ethics (AMA)
- Informed Consent: Corner Stone in Ethical Medical and Dental Practice (Research Article)
- Informed Consent in Decision-Making in Pediatric Practice (AAP)
- Informed Consent in Dentistry (Research Article)
- Informed Consent: More Than Getting a Signature (The Joint Commission)
- Informed Consent: Optimism Versus Reality (Research Article)
- Interventions to Promote Informed Consent for Patients Undergoing Surgical and Other Invasive Healthcare Procedures (Research Article)

Dental Records & Record Keeping

- HIPAA Security Series: Security Standard - Physical Safeguards (CMS)
- Informed Consent and Refusal (ADA)
- Patient Registration and Forms (ADA)
- Record Retention (ADA)
- The HIPAA Privacy Rule (HHS)
- Guidelines for Practice Success: Documentation/Patient Records (ADA)
- Informed Consent and Decision Making: The Code of Medical Ethics (AMA)
- What's the Deal with Dental Records for Practicing Dentists? Importance in General and Forensic Dentistry (Research Article)

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IT Security

- Cyber Essentials (CISA)
- Cyber Security: Featured Articles for Dentistry (ADA)
- Cybersecurity for small business: Ransomware (FTC)
- DHHS Breach Portal (HHS)
- Health IT Playbook (HHS)
- HIPAA Security 101 for Covered Entities (HHS)
- Protect Yourself From Identity Theft (ADA)
- Tip Sheet on the HIPAA Security Rule (ADA)

Medical Emergencies in the Dental Office

- Diagnosis, Management, and Dental Considerations for the Diabetic Patient (Research Article)
- Drugs Used to Treat Pediatric Emergencies (Research Article)
- Guide to Pediatric Medical Emergencies (Research Article)
- Medical Emergencies in the Dental Office (Research Article)
- Medical Emergencies in the Dental Office: Response Guide (ADA)
- Posters to Help Manage Medical Emergencies in the Dental Practice (BDA)
- Preparing Dental Office Staff Members for Emergencies: Developing a Basic Action Plan (Research Article)

Office Design Safety

- Allergic Reactions to Dental Materials-A Systematic Review (Research Article)
- Child Safety Protection Act (U.S. Federal Law)
- For Kids' Sake: Think Toy Safety...by Knowing Toy Dangers (Consumer Product Safety Commission)
- Gun Safety and Injury Prevention (AAP)
- Healthcare and Public Health (HPH) Sector Critical Infrastructure Protection Partnership (HHS)
- Health Care Industry Cybersecurity Task Force Resource Catalog (HHS)
- HIPAA Compliance for Dental Offices
- HIPAA Rules for Dentists
- Mitigations and Hardening Guidance for MSPs and Small- and Mid-sized Businesses (CISA)
- Office Design (ADA)
- Radiation Safety in Dentistry (FDI)
- Reducing Pediatric Intraoral Radiography Radiation Dose Using Reduced-Power Dental X-Ray Units: A Randomized Trial (Research Article)
- Safety Risk Assessment Webinar (Center for Health Care Design)
- Security and Privacy Guide (HHS)
- Tip Sheet on Certain Provisions of the HIPAA Privacy Rule (ADA)
- Toy Safety (Nationwide Children's Hospital)
- Toy Safety Prevention (University of Rochester Medical Center)
- Why are Latex Balloons a Danger to Children? (St. Louis Children's Hospital)
- Workstation Security: Don't Forget About Physical Security (HHS)

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Antibiotic Safety

- An evaluation of dental antibiotic prescribing practices in the United States
- Antibiotic Resistance Threats in the United States, 2019 (CDC)
- Assessment of the Appropriateness of Antibiotic Prescriptions for Infection Prophylaxis Before Dental Procedures, 2011 to 2015 (Research Article)
- Evaluation and Management of Penicillin Allergy: A Review (Research Article)
- Evidence-based clinical practice guideline on antibiotic use for the urgent management of pulpal- and periapical-related dental pain and intraoral swelling: A report from the American Dental Association
- Non-Infection-Related And Non-Visit-Based Antibiotic Prescribing Is Common Among Medicaid Patients

Safety & Health Impact from Climate Change

- Climate Change and Oral Health (Research Article)
- The 2023 Report of the *Lancet* Countdown on Health and Climate Change: The Imperative for a Health-Centred Response in a World Facing Irreversible Harms (Lancet)

Library

COVID-19 Takeaways

- Choices for the "New Normal" (Article)
- COVID-19 Conspiracies and Beyond: How Physicians Can Deal With Patients' Misinformation (Journal Commentary)

Psychological Safety

- Trauma-Informed Partnership

Occupational Safety

- Annual Perspective: Psychological Safety of Healthcare Staff (AHRQ)
- Association of Subclinical Hearing Loss With Cognitive Performance (Research Article)
- Ergonomics Recommendations for Dental Programs (HIS)
- Organizational Evidence-Based and Promising Practices for Improving Clinician Well-Being (National Academies of Medicine)