

Pain Management

Title: Pharmacologic Management of Post-Tonsillectomy Pain in Children

Review: *Managing pain following tonsillectomy surgeries falls mostly on the patient's parents. This article poses the idea that parents typically under-treat pain. The article summarizes the literature and suggests a method which can maximize pain control and minimizing harm of mixing medications.*

Year of Publication: 2021

DOI: 10.1016/j.wjorl.2021.03.004

Age Group: Toddler; Preschool; School Age; Adolescent

Keywords: Pediatric tonsillectomy; Tonsillectomy pain; Postoperative analgesia

APA Citation: Jensen, Daniel R. (2021). Pharmacologic management of post-tonsillectomy pain in children. *World Journal of Otorhinolaryngology-Head and Neck Surgery*, (7).

<https://doi.org/10.1016/j.wjorl.2021.03.004>

Title: Assessment and Management of Pediatric Pain Based on the Opinions of Health Professionals

Review: *This article studies pain perception of patients in pediatric wards, pediatric intensive care, and neonatal intensive care. Perception of pain was gathered through pain assessment, pharmacological management, and non-pharmacological interventions. This article reviews how patients' perceptions match those of healthcare professionals to determine if pain is under-treated.*

Year of Publication: 2014

DOI: 10.3922/j.psns.2014.1.07

Age Group: Infant; Toddler; Preschool; School Age; Adolescent

Keywords: Pediatric Pain; Hospitalization; Healthcare Professionals; Assessment; Management

APA Citation: Linhares, Maria B M; Oliveira, Nátili C A C; Doca, Fernanda N P; Martinez,

Franciso E; Carlotti, Ana P P; Finley, Gordon A. (2014). Assessment and management of pediatric pain based on the opinions of health professionals. *Psychology & Neuroscience*, 7(1).

Title: Soap Bubbles as a Distraction Technique in the Management of Pain, Anxiety, and Fear in Children at the Paediatric Emergency: A Pilot Study

Review: *Clinicians use bubbles for distraction and play while patients await procedures in the emergency department. Pain perception and anxiety were assessed prior to use of bubbles, after use of bubbles, and after completion of the procedure. This study compares the pain and anxiety experience of children who used bubbles and those who did not.*

Year of Publication: 2018

DOI: 10.1111/cch.12633

Age Group: School Age

Keywords: Anxiety; Fear; Pain; Paediatric Emergency Department; Soap Bubbles
APA Citation: Longobardi, Claudio; Prino, Laura E; Fabris, Matteo A; Settanni, Michele.
(2018). Soap bubbles as a distraction technique in the management of pain, anxiety, and fear in children at the paediatric emergency room: A pilot study. *Child Care Health Dev.* 45.

Title: Pain Management in COVID-19 Pediatric patients— An Evidence-Based Review

Review: *This literature review studies the benefit of pairing pharmacological and non-pharmacological pain management strategies while treating pediatric patients diagnosed with COVID-19. Additionally, this article discusses the risks of under treated pain.*

Year of Publication: 2021

DOI: 10.4103/sja.SJA_635_20

Age Group: Infant; Toddler; Preschool; School Age; Adolescent

Keywords: Analgesia; Analgesic Safety; COVID-19; Pain Management; Pediatric

APA Citation: Mishra P, Tomer A, Kumar A, Nath A, Sharma SK, Singh GK. (2021). Pain management in COVID-19 pediatric patients—An evidence-based review. *Saudi Journal of Anaesthesia* 15:33-9.

Title: Pain Assessment and Management in Pediatric Intensive Care Units Around the World, an International, Multicenter Study

Review: *This study compares pain assessment and management in hospitals across various income levels, looking at upper, middle, and lower economic statuses. Also, a comparison is made among hospitals in urban, suburban, and rural areas.*

Year of Publication: 2021

DOI: 10.3389/fped.2021.746489

Age Group: Infant; Toddler; Preschool; School Age; Adolescent

Keywords: Pain; Pediatric Critical Care Units; Pediatric Palliative Care; Under Resourced Settings; Pediatric

APA Citation: Grunauer M, Mikesell C, Bustamante G, Cobo G, Sánchez S, Román AM, Icaza-Freire AP, Gavilanes AWD, Wang NE and the PICU-MIC Research Group. (2021).

Pain Assessment and Management in Pediatric Intensive Care Units Around the World, an International, Multicenter Study. *Frontiers in Pediatrics* 9:746489.

Title: Future Roles of Artificial Intelligence in Early Pain Management of Newborns

Review: *This article discusses the risks of opioid use in neonates and the use of pain prediction to reduce use of narcotics. This study considers the use of AI technology to predict pain events in infants in order to avoid opioid use and, ultimately, opioid withdrawal.*

Year of Publication: 2021

DOI: 10.1002/pne2.12060

Age Group: Infants

Keywords: Neonatal Intensive Care Unit; Neonatal Pain Assessment; Neonatal Pain Prediction; Newborn

pain management, opioid-based pain management

APA Citation: Salekin MS, Mouton PR, Zamzmi G, et al. (2021). Future roles of artificial intelligence in early pain management of newborns. *Paediatric Neonatal Pain*. 3:134–145.

<https://doi.org/10.1002/pne2.12060>

Title: Pediatric Pain Management: An Evidence-Based Approach

Review: *This article poses the idea that nurses in the emergency department benefit from additional training to better assess pain in children. The study compares how nurses assess children for pain when additional circumstances are present such as developmental delays in the children being treated.*

Year of Publication: 2016

Age Group: Infant; Toddler; Preschool

APA Citation: Ramira, Maria L; Instone, Susan; Clark, Mary Jo. (2016). Pediatric pain management: an evidence-based approach, *Pediatric Nursing* (42)1.

Title: The Development and Implementation of a Paediatric Pain Protocol within the Recovery Room Environment

Review: *The purpose of this article is to describe the implementation of a new pain management protocol in a pediatric recovery room. This article reviews the literature surrounding existing pain policies and discusses the outcome of the new policy, including benefits to patients and the receptivity of the medical staff.*

Year of Publication: 2020

Age Group: Infant; Toddler; Preschool; School Age; Adolescent

APA Citation: Wilson, Lisa; Tisdall, Claire. (2020). The development and implementation of a paediatric pain protocol within the recovery room environment, *Clinical Update* (26)9.