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Strengthening the First Line of Defense: Educating The Dental Team on Effective Management of Traumatic Dental Injuries

Abstract:

Dental trauma, particularly avulsed teeth, is a common yet often mismanaged issue in dental emergencies. This Quality Improvement Project aimed to assess the awareness and preparedness of dental teams in managing dental trauma within a primary care setting. Through surveys, we evaluated both patient and dental team awareness on topics such as first aid for knocked-out permanent teeth, storage methods, and re-insertion times. Our findings highlighted significant gaps in knowledge, with a particular need for better guidance on re-insertion procedures and storage techniques for avulsed teeth. This research underscores the importance of structured education and training for dental professionals to improve emergency response and patient outcomes. By enhancing awareness and establishing clearer protocols, this project contributes to advancing care in managing dental trauma in everyday practice.

Biography

Aya Layth Qased Al-Harbawee, a graduate dentist (2016), completed a Master's in Public Health with distinction (2019). She has worked in oral surgery, maxillofacial, and pediatric dentistry before transitioning into general dentistry in Leicester. She has published five papers and presented multiple posters at international conferences, focusing on dental trauma and clinical improvement.