

Caries Removal In Primary Teeth A Systematic Review

Atraumatic restorative treatment No drilling or local anaesthetic injections are required. ART is considered a conservative approach, not only because it removes the decayed tissue with hand instruments, avoiding removing more tissue than necessary which preserves as much tooth structure as possible, but also because it avoids pulp irritation and minimises patient discomfort. ART can be used for small, medium and deep cavities (where decay has not reached the tooth nerve dental pulp) caused. It does not use rotary dental instruments (dental drills) to prepare the tooth and can be performed in settings with no access to dental equipment. is a method for cleaning out tooth decay (dental caries) from teeth using only hand instruments (dental hatchet and spoon-excavator) and placing a filling Atraumatic restorative treatment (ART) is a method for cleaning out tooth decay (dental caries) from teeth using only hand instruments (dental hatchet and spoon-excavator) and placing a filling

Deciduous teeth Deciduous teeth or primary teeth, also informally known as baby teeth, milk teeth, or temporary teeth, are the first set of teeth in the growth and development Deciduous teeth or primary teeth, also informally known as baby teeth, milk teeth, or temporary teeth, are the first set of teeth in the growth and development of humans and other diphyodonts, which include most mammals but not elephants, kangaroos, or manatees, which are polyphyodonts. Deciduous teeth develop during the embryonic stage of development and erupt (break through the gums and become visible in the mouth) during infancy. They are usually lost and replaced by permanent teeth, but in the absence of their permanent replacements, they can remain functional for many years into adulthood

Pulp (tooth) necrosis. Pulpal response to caries can be divided into two stages – pre- and post-infection. The pulp's activity and signalling processes regulate its behaviour. In caries-affected human teeth, odontoblast-like cells appear The pulp is the connective tissue, nerves, blood vessels, and odontoblasts that comprise the innermost layer of a tooth

Pulpotomy permanent and primary teeth. During caries removal, this results in a carious or mechanical pulp exposure from the cavity. There are various types of medicament placed above the vital pulp such as Buckley. The indication of this pulpotomy procedure is when pulp exposure occurs during caries removal in a primary tooth with a normal pulp Pulpotomy is a minimally invasive procedure performed in children on a primary tooth with extensive caries but without evidence of root pathology. The minimally invasive, endodontic techniques of vital pulp therapy (VPT) are based on improved understanding of the capacity of pulp tissues to heal and regenerate plus the availability of advanced endodontic materials. During pulpotomy, the inflamed/diseased pulp tissue is removed from the coronal pulp chamber of the tooth, leaving healthy pulp tissue which is dressed with a long-term clinically successful medicament that maintains the survival of the pulp and promotes repair

Wisdom tooth Most adults have four wisdom teeth, one in each of the four quadrants, but it is possible to have none, fewer, or more, in which case the extras are called supernumerary teeth. with inferior alveolar nerve injury following removal of mandibular third molar teeth: A systematic review. Journal of Stomatology, Oral and Maxillofacial The third molar, commonly called wisdom tooth, is the most posterior of the three molars in each quadrant of the human dentition. Wisdom teeth may become stuck (impacted) and not erupt fully, if there is not enough space for them to come through normally. Impacted wisdom teeth are still sometimes removed for orthodontic treatment, believing that they move the other teeth and cause crowding, though this is disputed. The age at which wisdom teeth come through (erupt) is variable, but this generally occurs between late teens and early twenties

Hall Technique The The Hall Technique is a minimally-invasive treatment for decayed baby back (molar) teeth. For partial caries removal in primary teeth, this was a risk ratio of 0. 90], when caries were not completely removed. It is one of a number of biologically oriented strategies for managing dental decay. 24 [0. Decay is sealed under preformed (stainless steel) crowns, avoiding injections and drilling. less pulp exposures. 06,0

Pulp capping Exposure of the pulp causes pulpitis (an inflammation which can become irreversible, leading to pain and pulp necrosis, and necessitating either root canal treatment or extraction). When dental caries is removed Pulp capping is a technique used in dental restorations to protect the dental pulp, after it has been exposed, or nearly exposed during a cavity preparation, from a traumatic injury, or by a deep cavity that reaches the center of the tooth, causing the pulp to die. stepwise caries removal is to protect a healthy (or reversibly inflamed) dental pulp, and avoid the need for root canal therapy. The ultimate goal of pulp capping or stepwise caries removal is to protect a healthy (or reversibly inflamed) dental pulp, and avoid the need for root canal therapy

Tooth decay Symptoms may include pain and difficulty eating. The resulting cavities may be many different colors, from Tooth decay, also known as caries, is the breakdown of teeth due to acids produced by bacteria. Complications may include inflammation of the tissue around the tooth, tooth loss and infection or abscess formation. The resulting cavities may be many different colors, from yellow to black. Tooth decay, also known as caries, is the breakdown of teeth due to acids produced by bacteria. Tooth regeneration is an ongoing stem cell-based field of study that aims to find methods to reverse the effects of decay; current methods are based on easing symptoms

The cause of cavities is acid from bacteria dissolving the hard tissues of the teeth (enamel, dentin, and cementum). The acid is produced by the bacteria when they break down food debris or sugar on

the tooth surface. Simple sugars in food are these bacteria's primary energy source, and thus a... 76eeaa9f5b

Early childhood caries There is also evidence that supports that those who are in lower socioeconomic populations are at greater risk of developing ECC. ECC is characterized by the presence of 1 or more decayed (non cavitated or cavitated lesions), missing (due to caries), or filled tooth surfaces in any primary tooth. The main bacteria responsible for dental cavities (dental caries) are *Streptococcus mutans* (S. ECC has been shown to be a very common, transmissible bacterial infection, usually passed from the primary caregiver to the child. *mutans*) and *Lactobacillus*. Deciduous teeth begin to erupt at 6 months of age, once visible in the oral cavity they are susceptible to tooth decay or dental caries. This can result in the Early childhood caries (ECC), formerly known as nursing bottle caries, baby bottle tooth decay, night bottle mouth and night bottle caries, is a disease that affects teeth in children aged between birth and 71 months 76eeaa9f5b

Dental extraction In orthodontics, if the teeth are crowded, healthy teeth may be extracted (often bicuspid) to create space. Extractions are performed for a wide variety of reasons, but most commonly to remove teeth which have become unrestorable through tooth decay, periodontal disease, or dental trauma, especially when they are associated with toothache. A dental extraction (also referred to as tooth extraction, exodontia, exodontics, or informally, tooth pulling) is the removal of teeth from the dental A dental extraction (also referred to as tooth extraction, exodontia, exodontics, or informally, tooth pulling) is the removal of teeth from the dental alveolus (socket) in the alveolar bone. Sometimes impacted wisdom teeth (wisdom teeth that are stuck and unable to grow normally into the mouth) cause recurrent infections of the gum (pericoronitis), and may be removed when other conservative treatments have failed (cleaning, antibiotics and operculectomy) 76eeaa9f5b

Impacted wisdom teeth may suffer from tooth decay if oral hygiene becomes more... 76eeaa9f5b When dental caries is removed from a tooth, all or most of the infected and softened enamel and dentin are removed. This can lead to the pulp of the tooth either being exposed or nearly... 76eeaa9f5b The technique has an evidence base showing that it is acceptable to children, parents and dentists and it is preferred over standard filling techniques, due to the ease of application and overall patient comfort as young patients do not have to undergo traumatic injections. Preformed metal crowns are now recommended as the optimum restoration for managing carious primary molars. There are multiple randomised controlled trials that have shown the Hall Technique to be superior to other methods for managing decay in baby teeth, but... 76eeaa9f5b

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