

Local sterilization and tissue repair (LSTR) therapy as an alternative to root canal treatment in the dentistry like RCT and others endodontics management

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Local sterilization and tissue repair which generally termed as LSTR, is a radical change in the field of conservative dentistry. Efficacy against antibacterial environment and non-surgical healing of peri apical lesions is better than calcium hydroxide. LSTR 3Mix-MP, Using an antibacterial combination, therapy is a novel caries, pulpal treatment of primary tooth root canal treatment. LSTR 3Mix-MP aims to eliminate causative bacterial lesions, and after sterilization, the host's natural tissue recovery process until the lesions are repaired or resolved. LSTR 3Mix MP where TAP (triple antibiotic paste) such as:- Metronidazole, Ciprofloxacin, Minocycline and Vehicle Macrogol/polyethylene glycol and propylene glycol used to prepare. This is a great antibacterial efficacy particularly against enterococci which remains a successful root canal treatment, effective eradication of the causative microorganisms during root canal treatment procedures. Residual infection in Root canal therapy has always been an area of interdermind or vague for a treating dental surgeon. Local sterilization and tissue repair (LSTR) therapy is a non-surgical or non-conventional endodontic treatment procedure that involves non-instrumentation or minimal instrumentation followed by placement of a triple antibiotic paste in a medication along with Macrogol and Propylene glycol.

Biography

Nurjahan Afsary has completed his BDS at the age of 24 years from City Dental College Under Dhaka University Bangladesh. She is the Chief consultant of A R DENTAL & Maxillofacial Care Research and training Centre and owner of oral health and dental care.

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