Effect of sea coral implantation on chromosomes in rabbits

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Table of Contents

<table>
<thead>
<tr>
<th>No.</th>
<th>Title</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Effects of irrigation solutions and Calcium hydroxide dressing on root canal treatments of periapical lesions</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>Lip and allar base dimensions among adolescence in healthy and post unilateral cleft lips correction in deuto-malaid population</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>Study on the cytotoxicity and chromosome aberration following implantation of sea coral in rabbits</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>Antimicrobial effects of Coleus amboinicus, Lour folium infusum towards Candida albicans and Streptococcus mutans</td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>Manufacturing hollow obturator with resilient denture liner on post hemimaxillectomy</td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>Poor oral hygiene as trigger of diabetes mellitus progressiveness</td>
<td></td>
</tr>
<tr>
<td>7</td>
<td>Inhibition effect of calcium hydroxide point and chlorhexidine point on root canal bacteria of necrosis teeth</td>
<td></td>
</tr>
<tr>
<td>8</td>
<td>Hybrid layer difference between sixth and seventh generation bonding agent</td>
<td></td>
</tr>
<tr>
<td>9</td>
<td>Dental root periapical resorption caused by orthodontic treatment</td>
<td></td>
</tr>
<tr>
<td>10</td>
<td>The effect of caffeine on osteoblast proliferation after tooth extraction in Wistar rats</td>
<td></td>
</tr>
</tbody>
</table>
Abstract

The preparation of root canal in endodontic treatment plays an important role in treating non vital teeth with periapical lesion. Some factors influence the success of root canal treatment in short and long terms are the irrigation of root canal using antiseptic solution and the use of root canal medicament. The aim of this literature study is to determined the effect of irrigation solution and Calcium hydroxide dressing in root canal treatment of periapical lesions. The use of root canal medicament during the endodontic treatment could sterilized and decreased the number of pathogenic microorganism of root canal. An effective root canal irrigation solution must be able to dissolve organic and anorganic debris, lubricate endodontic instruments, disinfect microorganisms, non toxic and economical. The best irrigation solution has maximum antimicrobial effect with minimum toxicity. Division of calcium hydroxide into Calcium and hydroxyl ions is responsible for alkalinization of cavity, subsequently it makes the condition of cavity to be inappropriate for bacterial endotoxin in vitro as well as in vivo, and considered as the only clinically effective medicament in inactivating bacterial endotoxin. Calcium hydroxide is the only medication which has the ability to clinically inactive bacterial endotoxin in vitro and accepted as the best of root canal medication.

Keyword : root, canal, treatment, irrigation, solutions, calcium, hydroxide, dressing, periapical, lesion,

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