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What is a biological tooth extraction?

FOR DR. ROZE BIOHEALTH CLINICS | 07 OCTOBER 2022

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Biological dentistry focuses on the use of the safest, most biocompatible materials and techniques for optimal clinical outcomes and the long-term well-being of the patient. When removing a tooth, it is important to remove it atraumatically and fully remove the periodontal ligament. If the periodontal ligament is not removed, residual epithelial cells left behind can flourish and breed toxins into the bone while it's healing. If residual epithelial cells are left behind in the bone, this can cause a cavitation lesion.

1. What is the difference between a conventional and a biological tooth extraction?

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- A biological extraction differs from a simple extraction in a multitude of ways. In a biological extraction, we remove the periodontal ligament that can be filled with inflammation and bacteria. By removing the PDL and bacteria associated with it, the patient's body is put into a position that enables proper healing.
- Once the area is cleaned out, we disinfect and debride with four different medicaments to reduce the risk of postoperative infections. We also utilize PRF (platelet rich fibrin), a clot that is made from the patient's own blood, that is rich in white blood cells and growth factors. The white blood cells and growth factors have an immense impact on healing time, regeneration, post-operative pain, and reduced chance of postoperative infections.
- Along with PRF, we offer and highly recommend supplementation to anyone going through a biological extraction procedure. It's imperative to the healing process that your body has the nutrients needed to heal and rebuild substantial structure.

2. What is the procedure for a biological extraction?

1. Oral Vitamin C Supplementation 1-2 weeks before and after the procedure
2. Minimize trauma to the bone around the tooth by using instruments that are thinner and lighter than typical dental tools
3. Remove all bacteria and infected tissue from the site by using ozone and cleaning tools
4. Use buffered anesthetics with acupuncture spot massage to stop burning feeling of the shot
5. Clean PDL ligaments and infected bone to promote a healthy EAV reading
6. Use most biological bone graft material to prevent inflammation and rejection. The PRF is made from the patient's blood factors and Tricalcium Phosphate
7. Use ozone gas to get a jumpstart on the healing process and kill bacteria
8. Provide a clean environment for mouth to heal with good hygiene, clean products, proper nutrition, and homeopathic medicine.

Optional additions to the above procedure:

- ✓ **Ozone** is used in area around the extracted tooth to disinfect and promote healing.

- ✓ Biological Homeopathic remedies are injected in the tissues around the extraction.
- ✓ Ozonated Olive Oil for post-procedure healing at home.
- ✓ Homeopathic options for pain and inflammation control

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3. What are the precautions to take after a biological extraction?

- Put gauze on the extraction site and bite firmly. Replace the gauze as required for 30 minutes or until the bleeding stops.
- Anesthesia takes a few hours to wear off, so be careful not to bite your tongue, lips, or cheek while you are still feeling numb.
- For the next 24 hours do NOT smoke, drink from a straw, blow your nose, excessive spitting, hot foods/liquids, and vigorous rinsing
- Make sure to use the natural remedies prescribed by your oral surgeon, and only use non-aspirin pain medication to relieve discomfort when required.
- After 24 hours, start to rinse your mouth gently with warm saltwater. Make a mixture of ¼ teaspoon salt and 1 cup water, and rinse every four hours.

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