



Directa AB

Directa Luxator Instruments

Luxator instruments are able to meet the demands of an atraumatic method of tooth extraction.

Product Background and Research

Worldwide, tooth extraction is one of the most common emergency dental treatments. However, it is rarely a simple procedure. Minimizing trauma is especially important in patients taking anticoagulants and those undergoing irradiation or chemotherapy, who may be more susceptible to postoperative infections. It is therefore important to make tooth extraction as minimally invasive and safe as possible. Luxator instruments are periodontal ligament knives with fine tapering blades that were specifically designed to reduce trauma, bone loss, pain, and postoperative bleeding.

Challenges

The increased number of patients taking anticoagulant medications, who often are not allowed to interrupt their medication regimen when they need a tooth extracted, requires that surgery result in less damage to tissues and optimal local hemostasis. In addition, it is important that there is as little bone loss as possible during tooth extraction to allow for optimal integration of implants. Several studies have demonstrated that delayed clinical healing significantly delays recovery of lifestyle and oral function and results in increased late symptoms and pain. Dry socket, often a complication of tooth extraction, is thought to occur especially if excessive force was used to remove the tooth.



Olle Larsson
CEO and Marketing Director

Current position for 8 years; with Directa AB for 12 years, and has been part of the dental industry for 30 years.

In cooperation with renowned dental practitioners and oral surgeons, Directa AB and its team of engineers have developed and clinically tested the Luxator Instrument, an innovative high-quality product that was introduced to the dental market in 1995. The direct collaboration and cooperation with dental practitioners has led Directa Dental to adopt our philosophy and motto—Design by Dentist.

Unique Product Features

Directa's Luxator instruments are used by rocking and cutting, rather than lifting and prying, the method necessary with elevators. Luxator instruments are specifically designed to compress the alveolar, cut the membrane, and gently ease the tooth from the socket with as little force and trauma as possible. The fine tapering blades reduce tissue damage, healing is quicker, and the operation and recovery are less stressful and painful for the patient. Luxator instruments are available in 14 varieties and are number and color coded for easy identification. The handles are rather large because they are ergonomically designed for optimal tactility and control. Luxator instruments also are autoclavable for sterilization.

Practice Impact

The ability to reduce trauma during tooth extraction is becoming increasingly important, especially for patients requiring subsequent implant placement with minimal bone loss, and for patients on anticoagulant drug regimens or who are susceptible to infection because of other medical conditions or treatments. Specially designed by a dentist with a variety of ergonomic and procedure-specific designs available, Luxator instruments are discernibly different and able to meet the demands of an atraumatic method of tooth extraction.



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Distributed by JS Dental Mfg, Inc.
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