Directa luxator
extraction instruments

Implantology Starts at the Time of Extraction

If there is sufficient bone available, the placement of implants is a relatively simple and straightforward surgical procedure of modern dentistry. However, if there is massive loss of bone due to periapical or periodontal pathosis, implants can only be placed with bone augmentation. The augmentation can be done prior to implantation or simultaneously.

In some cases it is the extraction procedure itself that causes the loss of mostly the buccal wall of the alveolar socket. This also makes it very difficult to place the implant. Careful removal of the tooth from the alveolar socket how-

ever will leave the bony walls intact (Fig.1). Even without augmentation materials (eg beta tricalcium phosphate) there will be good wound healing resulting in good bone height and width about at the level of the alveolar ridge. Directa Luxators are ideal instruments for such a careful tooth removal.

The action of the Luxa-
tor is based on the possibil-
ity of bone expansion. The Luxator is introduced in a ro-
tating fashion parallel to the long axis down the periodon-
tal ligament (Fig.2, 3). The shape of its blade allows the instrument to be advanced to the apical third of the root (Fig.4). This is not a forceful movement and will lead to an enlargement of the alveolar socket so the tooth can be eas-
ily removed with a slight rota-
tional movement with forceps. Conical roots will sometimes literally “jump” out of the socket.

Luxator instruments come in a wide variety of shapes (eg contrangle, inverted curved, different size blades) so it is always possible to work paral-
lel to the long axis of the root. One can even expand the bone from the distal of the root.

Even though Luxator in-
struments look a lot like clas-
sical elevators, the mode of action of these two instru-
ments have nothing in com-
mon (Fig.6). Luxator instru-
m ents are much more delicate

Your patients will be thankful for the atraumatic extraction even if you don’t place an implant at a later time. They will experience less discomfort operatively and postoperatively.

For more information about Luxator visit www.directadental.com.

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