

## ACCESS TO ALL SURFACES - WITH LM-DENTAL ROUND EXCAVATORS !

Modern operative caries treatment favours tissue-saving, conservative preparation.

With all efforts, the dentist tries to avoid damaging healthy dentin, enamel and pulp. Thanks to new adhesive filling materials, retentive preparations with undercuts and grooves are not necessary.

So, the bur is now used only for cutting enamel and for removing the uppermost decayed layers of the tooth. For the removal of the deeper layers of infected dentin, you use double-angled and triple-angled excavators. With these instruments it is possible to undermine the enamel very sparingly and perform preparation via a smaller opening.

For preparing and cleaning of the deepest cavities before root canal treatments there are LM root canal excavators, that have blades with longer shanks and smaller bendings.



*Root Canal Excavator LM 612-622 XSi*

When working with the double-angled excavator, you hold it in the pen grasp and use rotating lever strokes. You will soon notice that the cavity margins restrict motion and hinder undermining.



*Round Excavator LM 63-64 XSi*

When working with the triple-angled excavator, you hold it in the thumb-palm grasp or in the pen grasp and use scraping lever strokes. Now you can

remove carious dentin from cavity walls easily and thoroughly.



*Triple-angled Excavator LM 631-641 XSi*

The shank of the triple-angled excavator has an extra, third angulation, that turns the working end into the 90° angle to the terminal shank. Due to the third angulation, the instrument has the practical back action feature.

The triple-angled back-action excavators are, indeed, extremely useful hand instruments in the preparation of caries lesion.



In periodontal treatment the triple-angled excavators are excellent in the removal of calculus and necrotized cement both from the furcation area and concave root surfaces.

In oral and periodontal surgery the triple-angled excavators are unparalleled in treating periapical cavity lesions, in extirpating tumours and in eliminating infected dentin.

In brief, the LM-DENTAL excavators are all-round excavators and have therefore several functions - we dentists are free to use our imagination !

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