

lingualmatrixTM

Why lingualmatrix??

Lingualmatrix has revolutionized the way of treating lingual patients, and also evolved the concept of straight wire lingual appliance.

Lingualmatrix technology uses state of the art 3d scanning process, and rapid prototyping technology to manufacture a precise one-piece 3d metal bracket, which perfectly fits onto the tooth surface thus enable orthodontist to directly bond and rebond brackets onto the tooth surface and use straight wire as a ideal choice of wire for various stages of treatment mechanics.

Lingualmatrix is one of the 1st cad/cam based customized bracket system which is conceptualized developed from india.

With the advent of Lingualmatrix , the frequent problem of debonding, problem of loose and lost bracket has been resolved.

What is the advantage of Lingualmatrix over other manual technique like HIRO, TARG,LBG ??

Lingual matrix has many advantages as compare to the any available manual technique used to customized base:

1. The manual technique uses composite material for customizing base hence enhance the chances of debonding at various interface.
2. We can't use different bracket shape and form in manual technique.
3. The thickness of bracket is invariably more in manual technique.
4. Once the resin customized brackets [manual] debonds you need to again customize the bracket in manual setup while in lingualmatrix you can just sandblast and use the same bracket [direct bonding].
5. Any case of lost bracket ,in manual technique you need to buy a entire set of bracket while lingualmatrix can manufacture a single bracket and send it across.
6. In manual technique we can't add or delete hooks, bite planes as per requirement, while lingualmatrix offer the versatility of using hooks or biteplanes.



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What type of arch form I can use with Lingualmatrix??

Lingualmatrix uses the concept of **straight wire** thus resolving the issue related to bending of wire and making life easy for orthodontist.

How lingualmatrix benefit the patient in comparison with manual technique??

Lingualmatrix has one of the smallest bracket head design with round surface thus enhance the comfort to the patient.

The bonding base is large enough so there is less incidence of debonding. With lingualmatrix you can bond the rotated teeth in early stage of treatment as the lingualmatrix technology can provide off-center base for early bonding which fasten the treatment .

Lingualmatrix place the bracket more gingivally so there is less interference on biting and less opening of bite .

How beneficial lingualmatrix is for the working Orthodontist??

Orthodontist need not worry of missing or loose bracket, as they can use the same bracket for re-bonding without customizing it in the laboratory.

The Arch form is straight so there is no need to bend the wire thus reduced the chair side time.

The same bracket can be reuse by the orthodontist in case there is relapse after debonding.

■ www.lingualmatrix.com

■ lingualmatrix@gmail.com

M : 98923 10989
98203 40245

