

Designed
dental appliance
for your
beautiful smile



MAX
DENT  **CA**
DIGITAL
GERMAN TECHNOLOGY MADE FOR DIGITAL ORTHO





A foreword

MaxDent Ortho and MaxDenta Lab are the most prominent Orthodontic appliances manufactures in the country, Our company provides comprehensive pedodontic, Orthodontic, Dentofacial and Orthopedic solutions since 2004, we deliver top-quality innovative and custom made product meeting international standards at affordable prices.

All our products are manufactured in-house at the company's state of the art production facility at Muvattupuzha Kerala. Our qualified Orthodontic technicians guided by senior orthodontists as distinguished orthodontic advisors ensure unparalleled quality of the products. The materials used for manufacturing meet international standards and all products are passed through stringent quality control checks.

We assure you best in class products and services, delivered with professionalism.

K. K. Sasi

Managing Director



3D Aligner : The advantages

- Clinically proven - Teeth correction based on the clinical CA Digital protocols by Dr. Pablo Echarri.
- Treatment corrections are possible at any time.
- Precise, digital 3D technology for planning and set-up.
- Tooth movement up to 1 mm per month.
- Individual cooperation: Choose full or only partial services.
- The choice is yours - STL data or models.
- Short treatment time - 3 different material thicknesses and intelligent design for faster treatment results.



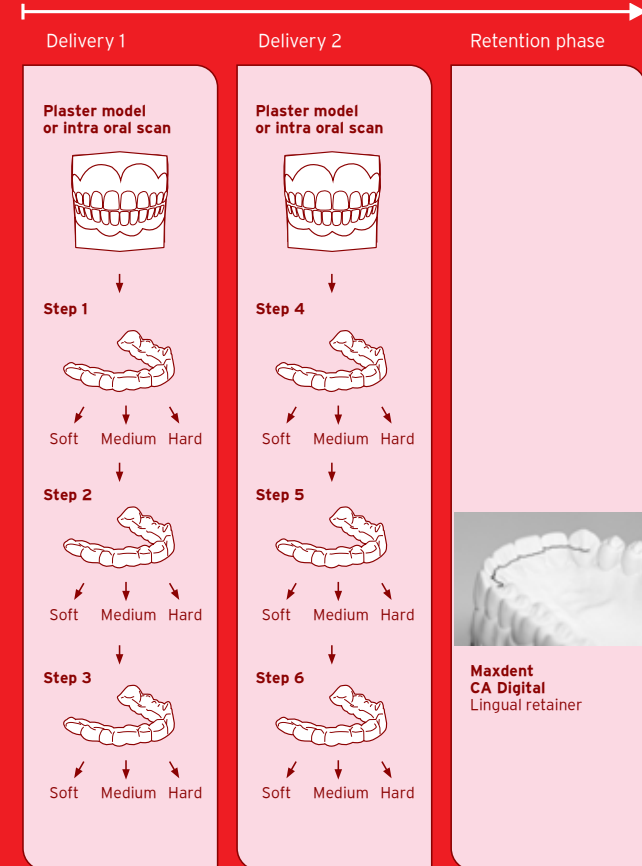
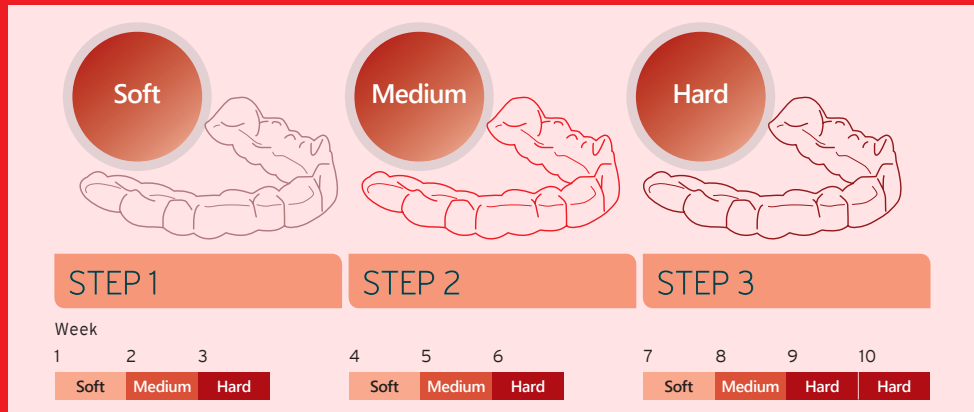
MaxDenta Lab, a sister concern of MaxDent Ortho! Ever since its inception in the year 2009, after conducting exhaustive and extensive research, and the successful completion of over 3000 clinical cases, we have begun an exclusive section for clear aligners. Our professionally trained team of doctors and staff are experts who use high end digital technology for digitally planned orthodontic alignment.

MAX DENT CA DIGITAL has partnered with its German counterpart, to provide a hygienic and precise solution for the correction of malocclusion, without the use of cumbersome braces and wires. Our technology takes pride in correcting crowded, rotated and tilted teeth, simply with the help of an accurate impression taken by a Dentist. This premium quality clear orthodontic aligner system uses an open integrated digital work flow, patented 3D CAD CAM software, digital treatment solution and follows up with an innovative system of retention.

3D Aligner System

We provide you with unique patient models in anatomical colour made by 3D printing, which will help you to convince your patients. You can fabricate Maxdent CA Digital Aligner in your own laboratory using these printed models, thus adding value to your business.

Three material thicknesses, worn over a period of four weeks for a unique and beautiful smile. In each treatment step, the patient wears three aligners of different thicknesses. Thanks to the steady increase in pressure, the teeth are aligned effectively, yet gently and with extraordinary comfort. The special aligner design with additional covering of the gingival margin (2-3 mm) increases force transmission, providing even more effective in treatment.





INDIVIDUA® DIGITAL INDIRECT BONDING

CLINICAL EFFECTIVENESS

- Only 4 minutes bonding per jaw
- Multi tray and single tray application possible
- No excess resin around the bracket
- Best stability
- No bracket loss while bonding

INEXPENSIVE

- Low material costs
- Use your own materials

COMFORTABLE FOR PRACTITIONER AND PATIENT

- Short mouth opening time
- Easy clinical application
- Fast treatment results

HIGH-PRECISION DIGITAL PLANNING

- More exact treatment with precise digital bracket positioning using advanced 3D technology

Our Team

Dr. Deepak Venugopal, MDS

Orthodontist

Dr. Deepak Venugopal graduated in Dentistry from College of Dental Surgery, Manipal and post graduated from AB Shetty Memorial Institute of Dental Science in the year 1998.

Dr. Neethu Mathew, MDS

Orthodontist

Dr. Neethu Mathew is a dentist with over 8 years of experience. She completed BDS from KVG Dental College Sullia and post graduated in orthodontics from Annoor Dental College, Moovattupuzha in the year 2017.

Dr. Akhil Shetty, MDS

Orthodontist

Dr. Akhil Shetty graduated in dentistry and post graduated in Orthodontics from A B Shetty Memorial Institute of Dental Sciences, Mangalore in the year 2004.

Mr. Sasi K.K.

Orthodontic Technician & Technical Support

Sasi K.K. is the Managing Partner of MaxDenta Lab. He finished Dental Mechanic course in 1992, and assist Prof. Dr. Sadashiva Shetty, HOD, BDCH, Devangare. Clear Aligner, Scheu-Dental Technology, Germany, training done in 2009. CA DIGITAL initial training done in Germany 2016.



Is an excellent Pedodontic / Orthodontic & Dentofacial Orthopedic Laboratory that caters for the entire laboratory need. We have more than 20 years of orthodontic and dento-facial orthopedic laboratory appliance fabrication. Our appliance range starts from simple Hawley's appliance to fix functional and Clear Aligners. We custom fabricate appliances as requested by you. All the system are of International quality in affordable price.

Why to select MaxDent ?

We are aware that time is money for you.

We know that you have hoped a well-trained assistant's help to address each patient's specific requirement for orthodontic appliance. And that's exactly we at MaxDent Ortho provides with MDO appliances. Many of these system are available in local markets. MDO appliance are the combination of High quality at affordable price by fabricating any appliance after doing proper individual study of the cast, case and treatment options. Thus we can assure you MDO appliances solution designed to your exact specification and customized to meet the needs of your patient. We deliver the best appliances at higher quality passed through strict quality control. And we are happy to assist you as your Orthodontic treatment partner.

Our Highlight : Our Orthodontic Advicers

Prof. Dr. Benoy Mathew

MDS in Orthodontics from Bapuji Dental College and Hospital, Davangere. He has done many research in Orthodontics & presented many papers in various conferences & seminars. Professor in Orthodontics: Annoor Dental Collage and Hospital Muvattupuzha.

Dr. Deepak Venugopal

MDS in Orthodontics from A.B Shenoy Memorial Institute of Medical science Manglore. He serves as visiting consultant in the EMS Hospital and Moulana Hospital at Perinthalmanna. Consultant Orthodontist of International schools like St. Joseph's Coonor, Herbon International School Ootty, St. Gerorges Ketti etc.

Managing Director: Mr. Sasi K.K

Dental technician Course (DMC) at PIPMS, Govt. Medical College, Thiruvananthapuram under the Directorate of Medical Education, Govt. of kerala in 1992. Worked under Prof. Dr. k.Sadashiva Shenoy, Dept of Orthodontics, Bapuji Dental Collage and Hospital, Davangere about 12 years. Attended various national and international conferences and courses.

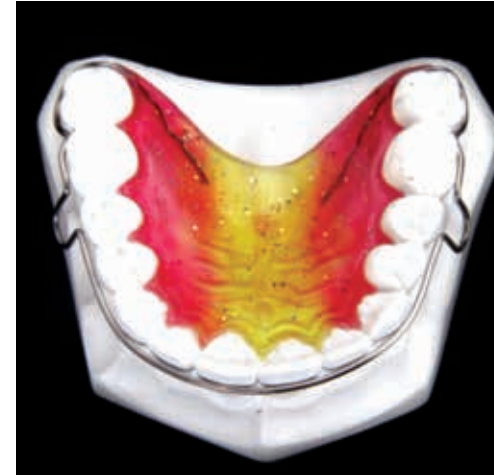
Senior technician: Mr. Sudheesh MB

Dental technician Course (DMC) at PIPMS, Govt. Medical College, Thiruvananthapuram under the Directorate of Medical Education, Govt. of kerala in 2002. Worked in Bapuji Dental College and Hospital. And also worked with Dr. Mourani, Mourani Orthodontic centre, Al-Ain. Presently he is the Director-Production



HAWLEY'S PLATE

Individual tooth corrections and minor tooth movements. Retainers available in many modification.



BEGGS RETAINERS

Retention of correction obtained. Nice retainer to close down band space. (if remains)



FC RAPID MOLAR DISTALIZER

Is the perfect appliance to get a rapid controlled distalization of the upper molars. Broadly movements of molars through a desired path is possible and a maximum of 10mm distalization can be achieved. One quarter turn a day activation produces a distal movement of 0.1mm sufficient to get molar distalization with a minimum loss of anchorage.



RAPID MOLAR DISTALIZER - PALATAL

Is the perfect appliance to get a rapid controlled molar distalization. Specially designed to do along with the fixed appliance therapy. Broadly movement of molars through a desired path is possible and up to 10mm distalization can be achieved.



HABIT BREAKING APPLIANCE

We have a great many variety of habit breaking appliance for the correction of mouth breathing, lip biting, tongue thrusting, swallowing, nail biting, finger sucking and finger biting, hyper active mentalis etc.



PROTRACTION APPLIANCE

For the correction of Skeletal CI- III malocclusion. Many modification available. As we know this appliance is used with reverse pull headgear, the correction once obtained will maintained by a functional appliance.



EXPANSION APPLIANCES

For mild expansion, individual tooth movements, space regaining (molar distalization) etc..



FIXED FUNCTIONAL SPACE MAINTAINER

Is a pleasing appliance specially designed for kids to get their smile attractive and brings their confidence back after premature extraction of milk dentition. It act as a holding arch and space maintainer too.



BIONATOR

Bionator is a precise appliance for correction of skeletal problems in sagittal plane. A class II or III can be corrected by this appliances. Bionators are available as standard and reverse.



MAXDENT HYBRID HABIT BREAKING APPLIANCE

Is a perfect appliance to get a control over tongue thrusting and thumb sucking habit. Specially designed for un co-operative patients. This appliance will act as a holding arch too.



FRANKELS I, II, III & VI

This appliance is the choice in case of developing class II & III pathologies and associated aberrant muscle activity and case where there is a marked variation in muscle tonicity.



HERBST APPLIANCES

A fixed functional appliance of choice when the patient's co-operation is doubtful these are available in banded and splinted versions.

MAXILLARY INTRUSION SPLINT

The best choice in a developing class II malocclusion where the maxilla is at fault. The different combination of appliance can be used to bring about any three dimensional change on the face.



TWIN BLOCK

The advantage of twin block is the definite anterior placement of mandible like that of the herbst appliance. This appliance is removable and patient comfort is great. Any modification can be made according to your advice.



HYRAX (RAPID MAXILLARY EXPANDER)

The appliance of choice in a severely constricted maxilla. The appliance can be used alone or in combination to other appliance as reverse pull headgear-to correct the developing class III posterior bite to control the vertical growth trend.



FAN TYPE RME

The fan type RME indicated when more anterior expansion is desired than posterior.





NANCE / LINGUAL HOLDING ARCHES

Arch can ideally shaped or closely contoured to the existing arch configuration. Help to prevent the drifting of molars, also can be used as a bilatarel space maintainer.



RAPID LOWER EXPANDER

For the lower expansion where the lower arch is severely constricted.



PENDULUM APPLIANCE WITH TMA

Appliance of choice to drive the upper molar distally. These system scan be used to move 6s distally even 7s are present. Modifications ofd this appliances can be used to move other teeth as required. Banded and bonded system available.



QUAD HELIX

An exellent adjuant for slow maxillary expansion, they comes as solderd and ligatable ones. Fixed appliance can be used along with this.

MaxDent Ortho was found over 13 years ago providing dental products with high quality and precision. It is the first exclusive orthodontic lab in India having varieties of customised orthodontic appliances to meet the orthodontic needs of our privileged customers. As like other appliances MaxDent Ortho introduced the Clear Aligner system in India in 2009. Now it's a new branch MaxDenta Lab come up to further fulfil the demand for digital solution for their Clear Aligner product **MaxDent CA Digital**, it provides both treatment and retention solution in a unique way.


MaxDent Ortho

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