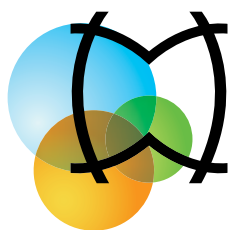


smile solutions

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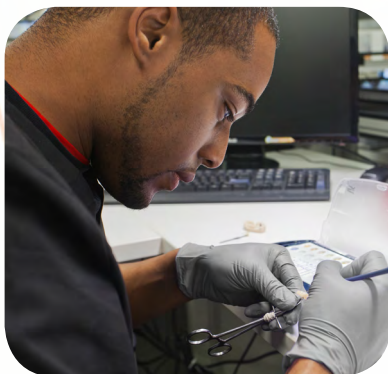
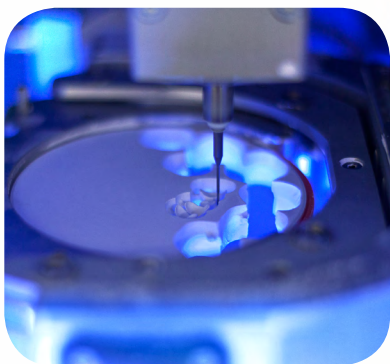


MODERN
Dental Laboratory USA

technology and tradition

Our world leading position has been 30 years in the making – with one simple philosophy. We allow technology to drive our innovations while always anchoring our values in tradition. It's this combination that allows Modern Dental Laboratory to bring you a world of possibilities.

Our global presence and access to international resources means quality and precision to millions of doctors and their patients. Today, by balancing the benefits of digital technology with human skill and expertise, we offer restorative options that consistently meet your expectations for function and esthetics.



digital processing

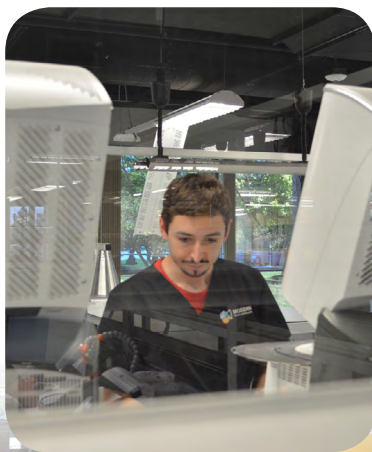
Technology is changing rapidly and Modern Dental Laboratory is at the forefront. In order to serve our customers' needs and deliver consistent precision and quality, we have invested in a new state-of-the-art digital processing center. Modern Dental USA Digital Processing Center enables us to provide the solutions you need, utilizing the most innovative methods and materials.

Our technologically advanced 20,000 square-foot production center has been designed to incorporate the most sophisticated digital technology and equipment in the industry. Add to that our exceptional team – possessing the knowledge and skills to support and guide you through every step of fabrication.



Modern Dental USA makes it easier than ever for you to embrace the digital era. We work closely with you throughout every case, whether you send us traditional models, standard impressions, or digital files. Our capabilities include:

- CAD/CAM Design
- Cutting-edge Milling Systems
- Treatment Planning/Consultation
- Digital Printing
- Digital Quality Control
- Electronic Tracking



crown & bridge

At Modern Dental we take pride in our crown and bridge restorations and for good reason. Our global network of digital processing centers, skilled craftsmanship, and local centers of excellence allows us to consistently deliver restorations that meet your expectations.

We understand that every case is unique and this requires a range of prosthetic options to meet patient expectations. That's why all Modern Dental technicians have been thoroughly trained and are experienced in the fabrication of traditional and digital restorations.

By combining state-of-the-art digital technology with traditional techniques, Modern Dental has the ability to create restorative solutions that satisfy your needs for strength, esthetics, and a precision fit.

All of our manufacturing facilities and laboratories have or are in the process of implementing a quality management system that is certified under ISO 9001:2000 and ISO 13485:2003 – both exceeding industry standards. This is your guarantee that each and every restoration at Modern Dental is fabricated with high-quality materials, technical proficiency, and undergoes our rigorous quality assurance requirements.

Modern PFM (porcelain fused to metal)

The best PFM crowns and bridges can be found at Modern Dental. By combining the most advanced materials with technical skill and traditional craftsmanship, we bring you a restoration with precision fit, optimal strength, and excellent esthetics. Modern PFMs are available in High Noble, Noble, and Non-precious alloys, and are veneered using premium porcelain. Modern PFMs are indicated for single tooth to full arch restorations.

Modern PFM



Calypso™ FMZ and PFZ Restorations

Our in-house line of zirconia restorations provide you with the flexibility you need for all of your restorative solutions. All Calypso™ frameworks are milled utilizing multilayered zirconia with color gradient for improved translucency and superior esthetics to best match your patients' requirements. With this new formulation we now offer Calypso™ FMZ (full milled zirconia) and Calypso PFZ™ (porcelain fused to zirconia) which are indicated for both posterior and anterior restorations.

Calypso™



All Ceramic Digital Restorations

Modern Dental provides several options for metal free crowns which are indicated for anterior and posterior restorations. Our technicians are experienced in the fabrication of full milled zirconia, porcelain fused to zirconia, lithium disilicate, and hybrid restorations. We proudly offer popular name brands such as: IPS e.max®, Zenostar®, Zirlux®, Lava™ Plus, and Lava™ Ultimate.

Digital Crowns



implants

A natural outgrowth of our global network is the establishment of Modern Dental Centers of Excellence – with highly-trained technicians and production engineers, knowledgeable in both the traditional and digital methods of fabricating implant restorations.

We are experienced in the design and fabrication of a complete range of implant restorations including crown and bridge restorations (screw-retained or cemented), screw-retained overdentures, as well as provisional restorations.

Our nationwide team of experts and local Clinical Support Specialists are on-hand to assist you with case planning and design, product selection, and customized solutions to fit individual patient needs.



Case Planning

Our knowledgeable and experienced staff will work directly with you to develop a detailed treatment plan for your case no matter how complex. From initial planning to final delivery of your implant restoration, our Modern team will be there to support your needs and ensure an optimal fit, soft tissue compatibility, and an excellent esthetic result.

Milled Zirconia Abutments

Each abutment is milled and cemented to a pre-fabricated titanium interface. The abutment head is bonded to the interface without creating torque pressure to the material. This provides compatibility with a wide variety of implant systems.



Custom Implant Bars

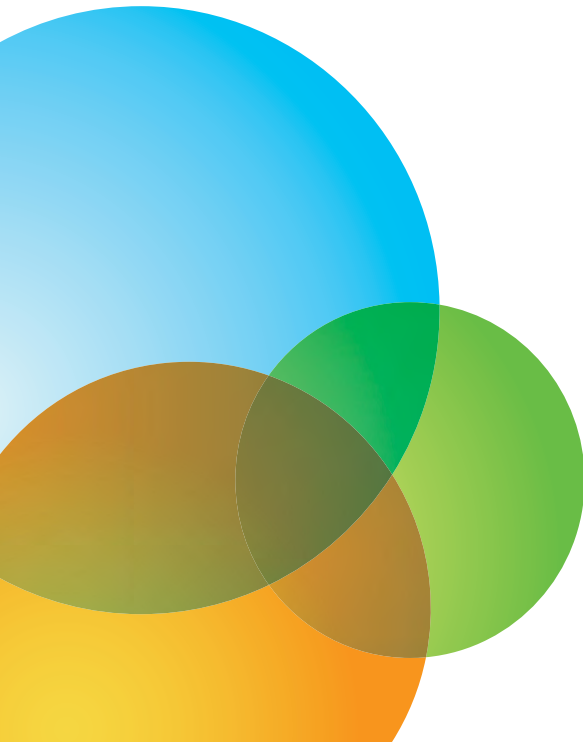
At Modern Dental our goal is to provide you with reliable restorations utilizing the latest technology. Our CAD/CAM milled bars are designed to evenly distribute load across the implants and provide long term stabilization. Our experienced technicians will work with you to design and produce the best solution for your patients' needs.



dental sleep medicine

Dental sleep medicine is the fastest growing segment in dentistry today and Modern Dental Laboratory is excited to be involved in this important area of patient care.

The Modern Dental team is your resource for the best mandibular advancement devices, access to outstanding educational programs, established treatment protocols, and effective marketing tools that will assist you in incorporating dental sleep medicine into your practice.



The Moses®

The Moses® Elite

The innovations incorporated into **The Moses®** device adds another dimension to oral appliance therapy. The open anterior design advances the mandible, creates more space for the tongue, enlarges the airway, and stimulates protrusive tongue reflexes. The open palate and a two part design allows patients to sleep with their lips closed, talk and drink, as well as breathe better. These qualities make **The Moses®** both an effective and comfortable oral appliance.



The Myerson **EMA®** custom-made oral appliance is fabricated from a thermoplastic polymer that delivers superior impact strength to acrylic. It opens the patient's bite and gently advances the mandible with interchangeable elastic straps to increase airway space. The elastic straps come in 9 different lengths and 4 different strengths which allow for effective mandibular repositioning with maximum comfort.



removables

All full and partial dentures at Modern Dental are designed to meet the individual needs of your patients. We have chosen premium materials from leading manufacturers to fabricate our removable appliances and offer conventional acrylic dentures or injection acrylic denture systems.

We take great care in designing our metal frameworks to ensure maximum patient comfort and offer a choice of titanium or chrom cobalt alloy.

Our skilled technicians have expertise in the design and fabrication of removable prostheses and will ensure that your final appliance will have the strength, retention, and comfort required in even the most challenging cases.



Full Dentures

Dentures fabricated at Modern Dental are available in standard or premium versions. We use **Vertex Dental** acrylic for our conventional acrylic dentures and the **SR Ivocap® System** for our Injection Molded Acrylic Denture Systems. **VITA MFT®** acrylic teeth are used for our standard dentures and **Ivoclar Blueline® DCL** for our premium dentures.



Duraflex™ Partial Dentures

Fabricated from an advanced thermoplastic formulation, **Duraflex™** partials are clinically unbreakable. They are easy to adjust and polish – will not absorb moisture, stain, and are odor resistant. The appliance is thin and translucent providing a high degree of comfort and outstanding esthetics.



modern dental centers

With rapid advancements in technology, your ability to offer customized solutions to patients has never been greater. To fully realize the potential of these growing choices, we are building a dedicated network of Modern Dental Centers throughout North America. Our national headquarters and Digital Processing Center are located in Troy, MI.

Each Center will be your local resource for education, technical expertise, and the support you need to successfully manage and embrace new innovations.

At every Modern Dental Center, you'll find that Quality, Value, and Customer Care come together to make us the Total Solution for you and your patients.

Modern Dental Centers are your resource for:

- Consultation & Case Planning
- Custom Shade Matching
- CAD /CAM Design
- Continuing Education

To find the Modern Dental Center nearest you please go to:
www.moderndentalusa.com/modern-dental-centers

we're here
to help



A world of
confidence
delivered chairside.





MODERN
Dental Laboratory USA

**Our Modern Dental USA Headquarters
and Digital Processing Center**

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Our Modern Dental Centers and Lab Partners are located throughout North America - please visit our website to find the location nearest you.

www.moderndentalUSA.com