iSTAR
Dental Laboratory

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ISTAR DENTAL TECHNOLOGY CO.,LTD

Serving dental labs world-wide

WE LIKE TO SEE THE WORLD SMILE



















ABOUT US

Istar Dental Lab is a full-service dental laboratory. Our lab in China is only 30 miles from Hong Kong. Our hundreds of highly trained technicians serve dental labs throughout the world.

We provide a wide range of high-quality dental restorations for competitive prices. Our products include crown and bridge, all-ceramics, full-cast, implant, removable partial dentures.

As a leading outsourcing dental lab, we choose to only use the most well-know branded materials to ensure patient safety. This includes Argen metal, DENTSPLY Ceramco3 porcelain, Captek, IPS Empress and e.max, Cercon zirconia, and others.

We have a highly-trained, very self-motivated technical team that loves what they do. They don't mind being behind the scenes—their satisfaction is found in doing a job well done. We provide our technicians with continual education and utilize the most advanced technologies to ensure each and every case is of the utmost quality.

Our compassionate service team members understand your satisfaction is the measure of our success. If you are in need of immediate assistance, we are available 24/7.

FIXED RESTORATION

PFM, FULL CAST

Porcelain-Fused-to-Metal (PFM) restorations remain the most widely used fixed prosthesis. They are a predominate choice due to their strength, durability, simplicity and versatility in restoring function while maintaining esthetics. All cases come complete with Identalloy sticker for your patient's chart.

Full cast restoration continue to be the preferred choice for many clinicians due to its longevity, functional success, and biocompatibility. We check on solid models for all cast crowns are to ensure fast seating contacts, the occlusion is set to your bite registration, and always checked for a two tape-thickness. Non- precious and Semi-precious alloy for full cast crowns, bridges, inlays, or onlays.

GOLD is Simple... It's Predictable and beautiful! It is kind to opposing dentition and biocompatible with the patients soft tissue which eliminates sensitivity and allergic reaction.









SR ADORO COMPOSITE

SR Adoro is a microfilled, light-/heat-curing veneering composite for full-coverage and partial veneers. SR Adoro is suitable for the fabrication of both metal-supported and metal-free restorations.

SR Adoro is characterized by those handling properties typically found in light-curing composites. The material is fast and convenient to use. Given its soft consistency and excellent modeling properties, SR Adoro enables swift and smooth application procedures. Final polymerization is performed in the Lumamat 100 unit (or Targis Power Upgrade) by means of light and heat.

The additional tempering step, which is conducted at a temperature of 104 °C (219 °F), imparts optimal material properties and an excellent surface quality to the restoration. The innovative microfiller structure promotes the restorations' resistance against discolouration and plaque formation.

The SR Adoro material is excellently polishable and allows highly esthetic results to be achieved. The material structure of SR Adoro contributes to the excellent grinding and polishing properties, endowing the completed restoration with an enamel-like gloss. Qualities such as shade stability, fluorescence and lifelike opalescence provide the completed restoration with an expressive esthetic appearance.

Advantages

Efficient polishing properties
Convenient handling
Striking esthetics
Good surface quality due to light-/heat-tempering

ALL CERAMIC

IPS e.max System

e.max concept comprises both an innovative lithium disilicate glass-ceramic (LS2) – suitable mainly for single-tooth restorations – and a high-strength zirconium oxide for long-span bridges. One single layering ceramic for the entire system enables a uniform layering diagram and precise shade match. IPS e.max CAD-on technique now enables the fabrication of 4-unit posterior bridges that feature outstanding overall strength and high esthetics.

Cercon® Zirconia

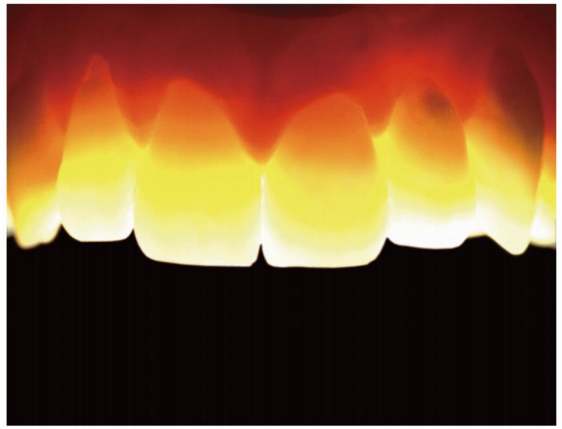
It provides a translucency that exceeds PFM and creates vitality similar to natural teeth. Whether for crowns or bridges, for the anterior or posterior regions, Cercon Zirconia allows you to achieve an extraordinarily high degree of precision and accuracy of fit.

Full Contour Zirconia

A full contoured solid zirconia crown or bridge restoration with no porcelain overlay. It's both a strong and highly aesthetic alternative to metal occlusal PFM and full-cast. It doesn't require porcelain application, patients will be fitted with a fracture-and chip-proof restoration.









METAL PARTIAL FRAMEWORK

CR CO, VITALLIUM, TITANIUM

Vitallium® 2000 Plus chrome cobalt alloy is the premium choice for partial denture metal frameworks. Strong technical and marketing support to help casting labs provide better business options for their customers.

Titanium Framework Lightweight for outstanding patient comfort (over 35% lighter than chrome castings and more than four times lighter than gold alloys). And, it's totally biocompatible and has excellent corrosion resistance so there are no allergic patient reactions.







ARGEN CO-CR FRAMEWORK

Recommended cycle:
1. Start-up at 750-850 °F (400-455 °C)
2. After 1 hour increase to 2000(1095)
3. Hold at 2000(1095) for 1 hour.
4. Use spacers under the ring.

Note: The process above is recommended. Each investment is unique, please review investment manufacture instructions.

VITALLIUM 2000 PLUS FRAMEWORK

The highest yield strength and tensile strength of the Vitallium alloys Increased flexibility without deformation or fracture, making it excellent for predictable chairside adjustments

High surface luster
Nickel and Beryllium free
Smaller, lighter framework

TITANIUM PARTIAL FRAMEWORK

Titanium also offers low thermal conductivity and has no metallic taste for even better patient compliance. High strength and rigidity comparable with other noble or high noble dental alloys.

Totally biocompatible (no allergic reactions).
Excellent corrosion resistance.
Every framework x-rayed for imperfections.

REMOVABLE RESTORATION



VITALLIUM FRAME WITH VALPLAST
Premium Partial with a combination of Vitallium 2000 plus framework with Valplast finish.



CHROME COBALT PARTIAL
More refined partials provide for a more comfortable fit and greater patient satisfaction on a consistent basis.



CR CO FRAME WITH VALPLAST
The framework provides very good support but the Valplast softening pressure and force on the abutment teeth, creating extra comfort with great restoration.



VALPLAST PARTIAL
Valplast® allows patient's natural tissue tone to appear through the material, matching the basic shade categories.The strong durable thermoplastics that fit securely and comfortably into places.



VALPLAST MATERIAL
A biocompatible thermoplastic nylon material provides maximum strength, and proven durability with a guarantee against breakage and is the most popular aesthetic partial in the market.



VALPLAST CLASP
This has the advantage of being tooth supported and also having gum colored plastic clasps give a natural looking.



ACRYLIC DENTURE
We invested in the only injection processing system that compensates for polymerization shrinkage. This results in chair-side time savings.



PREMIUM DENTURE
With Lucitone 199 Acrylic and Ivoclar teeth, provide patient the best quality and aesthetic.



TEMPORARY ACRYLIC PARTIAL
Also called Flipper, made with either two ball clasp or wrought wire clasp. The advantage is very easy to remove or add teeth to the partial and Less expensive.

IMPLANT RESTORATION

Fixed Implants

Dental implants are stronger and more durable than their restorative . Implants offer a permanent solution to tooth loss. Additionally, implants may be used in conjunction with other restorative procedures for maximum effectiveness.

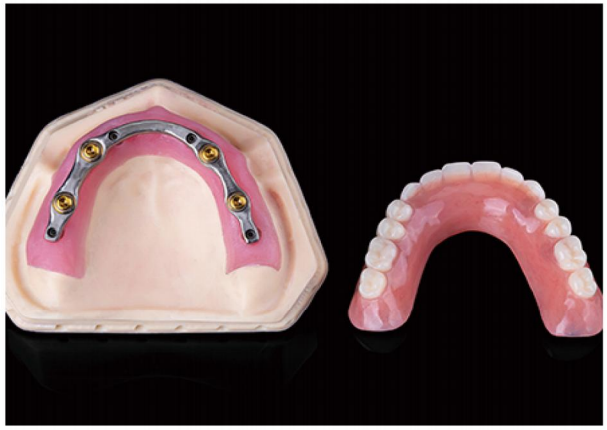
Removable Implants

Magfit Attachment

This will secure denture in place, preventing it from moving and lifting while patient talking or eating. It is particularly ideal for patients who wear dentures.







BIOHORIZONS straumann DENTAL anthogyr IMPLANTS Innova Corporation Nobel Biocare ANKYLOS®



Ring Telescope Attachment

A Unique way to make a clasp-less denture. The telescopic crown also known as the german crown was developed in Germany and is even now one of the most used dental procedure by us to construct removable dentures. Note that 99 % of the telescopic dentures worldwide are being made in Germany. Some of the benefits of the telescopic over-dentures include the prevention of bone loss, esthetic appeal, improved speech (when compared with other types of dentures), proper jaw alignment, and improved chewing efficiency. These over-denture systems can last a lifetime and increase chewing power by up to 300%.

Swing Lock



Good retention for a clasp-less denture. Swing lock partial dentures are designed for dental patients who have depleted dentition. Swing lock partial dentures are sometimes used because traditional partial dentures can be unreliable due to rather limited bracing and clasping abilities. These limitations result in a weak resistance to rotational forces. The swing lock partial denture design makes it possible to clasp multiple teeth at a time. However, some people believe this can lead to an unattractive display of metal in the mouth.

ERA attachment with Milled Stabilizer & Retention Groove



Widely used and easy to use. The mighty oak-symbol of strength and long-lasting durability that stands the test of time. The ERA Attachment system of strength and long-lasting durability that stands the test of time. It's the industry standard for simplicity, dependability and resiliency. It is the most popular dental attachment prescribed today due to its proven performance and versatility of use. ERA is the one that works best for your patients. Results of clinical studies prove the long term value and patient comfort of the Stern ERA Attachment System. It uses new materials and patented designs, allowing for reasonable pricing, excellent strength and long term patient service.

VKS attachment with Milled Stabilizer



Precision fit with good retention. The VKS Attachment Systems are the most popular in Europe! Dental Health Professionals and their patients enjoy using VSK attachments because they are simple to use, cost effective and durable.

We are familiar with every implant company!

MATERIAL LIST

Product Type	Material	CE	Manufacturer
Porcelain Fused to Metal			
Non-Precious	ArgeloyNP.	0086	Argen,USA
Non-Precious (Nickel Free)	Argeloy N.P. Supreme	0086	Argen,USA
Sem-Precious (Noble) - White	Argelite54B	0086	Argen,USA
	Argistar 43+	0086	Argen,USA
Precious (High Noble) - White	Argedent Euro	0086	Argen,USA
Gold (High Noble)-Yellow	Argedent 74	0086	Argen,USA
Full Cast Crown			
Non-Precious	Argeloy NP	0086	Argen,USA
Non-Precious (Nickel Free)	Argeloy N.P. Supreme	0086	Argen,USA
Yellow Gold-2%	Argenco Y+	0086	Argen,USA
Yellow Gold- 40%	Argenco 40	0086	Argen,USA
Yellow Gold- 60%	Argenco 60	0086	Argen,USA
All-Ceramic Restorations			
Emax	Emax Press	0123	Ivoclar Vivadent
Zirconia	Upcera Ziconia Block HT	0167	Upcera, Shenzhen
Full Contour Zirconia	Upcera Ziconia Block ST	0167	Upcera. Shenzhen
Composite	Ceramage	0123	Shofu, Japan
Ceramic Powder			
For Porcelain Fused to Metal	Vita VMK95	0124	Vita,Germany
For Zirconia	VIta VMK9	0124	Vita,Germany
For Emax	IPS Emax Ceram	0123	Ivoclar Vivadent
Others			
Framework-Cobalt-Chrome	Bego Co-Cr Alloy	0197	BEGO,Germany
Framework-Cobalt-Chrome	Nobillium Co-Cr Alloy	0086	Nobillium, USA
Framework-Vitallium	Vitallium2000	0197	Dentsply.USA
Framework -Titanium	Ti-5	0297	Kera-Dis c.Germmy
Flexible Partial	TCS Unbreakable Standard Pink	0050	TCS Dental,USA
Acrylic Denture	QC-20-Standard Pink	0197	Dentsply.USA
	Lucitone 199	0197	Dentsply.USA
Resin Teeth	New ACE	0120	Yamahachi,Japan
	Ivostar	0123	Ivodar, Vivadent
Hard Night Guard	DURAN-CLEAR	0044	SCHEU,Germany
Soft Night Guard	DURAN-SOFT	0044	SCHEU,Germany
Sofl & Hard Night Guard	DURANSOFT&HARD 1.8/2.5/3.0	0044	SCHEU,Germany
Themoguard	IMPAK Elastic Acrylic Resin	0086	Nobilium,USA



We like to see the world smile!

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