Products & Services Catalog

The Triple Crown Champions of Quality
Consistency, Service and Value

502-635-6778 • 800-745-6718 • www.derbydental.com
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**Contact Us**

**Fixed Department**

fixed@derbydental.com

**Removable Department**

removable@derbydental.com

**Shade Photos**

photos@derbydental.com

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**Derby Dental Laboratory**

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**David Nunnally, CDT**  
**CEO, Founder**

david@derbydental.com

Graduated from Louisville College in 1986 with a degree in Dental Laboratory Technology. Became certified in crown and bridge in 1987. He founded Derby Dental Laboratory in 1987 with the vision of supplying the dental community with outstanding restorations and the best service by including product availability and the fastest turnaround time at a competitive price.

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**Reed Nunnally**  
**President**

reed@derbydental.com

Graduated from the University of Louisville with a bachelors degree in Marketing. Reed manages the day to day operation of the lab and his passion for perfection shows in every product we manufacture.

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**Courtney Ishmael**  
**Office Manager**

courtney@derbydental.com

Graduated in 1997 from the University of Louisville with a bachelors degree in Economics. Courtney is the personification of professionalism and efficiency. Our clients know her as the person who makes our lab seem like an extension of their practice.
**MANAGEMENT TEAM**

**Sue Allen, CDT**  
Fixed Technical Assistance/ Crown & Bridge Manager  
Graduated in 1985 from Louisville College with an associate degree in Dental Laboratory technology. Certified in crown and bridge in 1990. 28 years experience. Training includes Dawson Institute, Tanaka Institute and Empress training at Ivoclar. Highly skilled in all facets of fixed restorations. Feel free to call Sue at any time with questions you may have.

**Denise Hodge, CDT**  
Ceramic Manager  
25 years experience. Certified in Ceramics in 1992. Training includes PACLive training with Dr. David Hornbrook, LVI training with Dr. Bill Dickerson, extensive hands-on training with Lee Culp, CDT and Empress training at Ivoclar. Denise strives to create a consistent quality porcelain restoration by quality controlling every case, continuously training and perfecting our Quality Plan.

**David Cline, CDT**  
Implant Department/ Crown & Bridge Manager  
Over 30 years technical experience. Highly skilled in all aspects of crown and bridge design and ceramics with a focus on implantology. Dave’s extensive background working one-on-one with doctors makes him a resource for your practice. Feel free to call Dave any time with implant related questions.

**Deborah Berlinghieri, CDT**  
Quality Control Manager  
Graduated from Sacramento City College in 1975 with an associates degree in dental technology. Served with the laboratory association as a representative of CDT’s to the dental community. With over 35 years experience in all phases of crown & bridge, Debbie is dedicated to maintaining a predictable outcome for doctor and patient.

**Tiffany Pina, CDT**  
Removable Department  
Graduated in 2002 from LCC with an associates degree in Applied Science of Dental Laboratory Technology. She achieved her Complete Denture Dental Technician Certification in 2003. As a key member of our removable department for 12 years, Tiffany continually strives to provide the best service and appliance selection for both dentist and their patients.

**Stan Wilcox, CDT**  
Removable Department Manager  
Stan joined the Derby team in 2013 and brings over 35 years of experience to our removable department. A United States Air Force veteran, Stan holds his CDT in Cast Partial Dentures and has a degree in Total Quality Management from Kansas Newman University. Stan can assist you in all your case planning needs, including options to improve both esthetics and function.

**Steve Oliver, Louisville**  
Regional Manager  
steve@derbydental.com  
Formerly a professional golfer, Steve joined the Derby team in 2002. His infectious enthusiasm allows him to maintain close relationships with our clients and provide industry leading customer service. Steve is available to share his extensive knowledge of our products and services at any time.

**Tom Williams, Ohio**  
tom@derbydental.com  
Has enjoyed working in the dental laboratory industry for 40 years. Tom brings 20 years of operational and 20 years of sales and marketing experience to serve the dental community in Ohio. “It’s all about building a relationship with the doctor and staff and backing the product that we represent”. Tom has been married to Jennifer for 35 years and resides in Powell, Ohio. Tom enjoys golf and watching the Buckeyes!

**Lori Woodworth, Indianapolis**  
ashley@derbydental.com  
Graduate of the Kelley School of Business, Indiana University. Ashley is also certified as a licensed dental assistant in the states of Indiana and Kentucky. Ashley joined the Derby team in 2011 and has quickly become an asset to her clients. Ashley is a lifelong fan of the Indianapolis Colts and the IU Hoosiers.

**Ashley Tamarri, Indianapolis**  
ashley@derbydental.com  
Graduate of the Kelley School of Business, Indiana University. Ashley is also certified as a licensed dental assistant in the states of Indiana and Kentucky. Ashley joined the Derby team in 2011 and has quickly become an asset to her clients. Ashley is a lifelong fan of the Indianapolis Colts and the IU Hoosiers.

**Lori Woodworth, Inside Client Services**  
Lori brings over 30 years of Customer Service to Derby Dental Lab. Her cheerful personality along with her eye for detail, assures our clients their needs will be met with the attention they deserve. Lori’s priority is to always mix professional assistance with friendly reliable service.
*Derby Dental Lab is committed to providing our doctors and their patients with the highest quality products and services available. Our dedicated team of specialists work hard to assure this commitment is kept.*

**Our Clients Enjoy the Widest Range of Services Available to the Dental Profession Today!**

**CAD/CAM Technology**
Derby Dental Lab remains the leader in offering digital technology to our clients. We currently support 3M True Definition, Cadent Itero, as well as many other open architecture systems. Contact our dedicated staff for further assistance 1.800.745.6718.

**Shade Analysis**
We can match the most difficult shades using your digital photos or in-lab consultation.
- Send digital photos to: photos@derbydental.com

**Implant Specialists**
Assistance with implant cases, including diagnostic work-up, stent fabrication and components for implant systems. In house design for custom abutments and denture bars.

** Expedited Service**
Overnight repairs and relines for non-local routes. Same day relines and repairs for local routes.

**Custom Milling**
Custom milling of zirconia, implant abutments, overdenture bars, temporaries and ceramics.

** Laser Welding**
Laser welding for quick repairs of partial dentures.

** Case Planning Assistance**
Personal consultations with doctors and staff for treatment options with recommendations from a technical perspective.

**Diagnostic Wax-Ups**
Complete diagnostic work-up service for treatment planning.

**Lunch and Learn Programs**
Inquire about our many programs.

**Cosmetic Restoration Service**
Esthetic diagnostic wax-ups, silicone matrices for intraoral mock-ups and temporaries. We use the latest materials and technologies to achieve predictable results for your patients.
Shade Matching System

**VITA Linear Shade Guide**

With the VITA Linear guide 3D-MASTER you can determine the correct tooth shade swiftly and accurately. The modern design and systematic structure of the VITA Linear guide enables the appropriate 3D-MASTER shade to be found quickly.

The VITA Linear guide 3D-MASTER facilitates the changeover from traditional shade-taking systems to the precise shade determination and shade communication in the VITA SYSTEM 3D-MASTER.

The VITA Linear guide 3D-MASTER contains the same 29 shade samples as the VITA Tooth guide 3D-MASTER.

**Advantages**

- Classical, linear handling
- Self-explanatory, simple use
- Reliable, fast and precise shade determination for satisfied patients
- Modern design as an expression of perfect esthetics and a clear structure

Our highly skilled customer service representatives will deliver and train your staff to use this revolutionary linear shade guide.

**Custom Shade Characterization**

Our technicians can customize any crown to match your patients existing dentition utilizing our laboratory shade facility. Please contact us (800.745.6718) to schedule an appointment for this service. Kentucky law requires doctors presence.
Layered Zirconia Restorations

Crystal Layered CAD/CAM Zirconia Substructure Crowns and Bridges

Derby Dental Laboratory is proud to offer Crystal crowns and bridges. An exceptional alternative to porcelain fused to noble alloy restorations, Crystal is manufactured entirely in our laboratory using our CAD/CAM system and highly esthetic layering techniques. All Crystal restorations are milled from the finest zirconia materials available.

- Produced in Louisville, KY
- CAD/CAM milled zirconia framework
- 5 day in-house processing
- Proven strength and durability
- Stable unit pricing
- Conventional cementation
Full Contour Zirconia Restorations

**Diamond** CAD/CAM Full Contour Milled Zirconia Crowns and Bridges

Diamond is a high strength, milled to full contour, highly translucent zirconia restoration with NO porcelain layering. Diamond utilizes the latest technology available in our CAD/CAM product line. Ideal for posterior crowns and bridges.

Diamond carries a Lifetime Warranty against breakage.

- Produced in Louisville, KY
- Ideal for posterior crowns and bridges
- Esthetic bruxism option to full metal crowns and bridges
- No special preparation
- High degree of CAD/CAM precision
- High strength translucent zirconia
- 5 day in-house processing
- Conventional cementation

**Diamond Plus** CAD/CAM Full Contour Milled Zirconia Crowns and Bridges

Diamond Plus is the first of its kind. We are able to offer the most predictable and consistent results due to the gradient nature of the material. This polychrome zirconia consists of four pre-colored layers showing smooth enamel, dentin, and cervical color shifts.

Diamond Plus also carries a Lifetime Warranty against breakage.
IPS e.max® Full Crowns, Partial Crowns and Veneers

IPS e.max® press crowns and implant restorations deliver the ultimate in lithium disilicate restorations. With esthetics that provide opalescence, translucency and brightness, IPS e.max® allows you to restore the patient’s smile with a conventionally cementable material that delivers the ultimate in esthetics and strength.

• Lifelike esthetics
• Easy shade reproduction
• High strength of 400 MPa
• Cementable and bondable

Empress® Esthetic Full Crowns, Partial Crowns and Veneers

IPS Empress® Esthetic offers a bondable leucite reinforced glass ceramic restoration. It continues to be the ultimate benchmark for highly esthetic pressed porcelain veneers, inlays/onlays and single tooth replacements.

Pressed for Fit...Layered for Beauty!
Radica® Provisional & diagnostic resin

Radica® provides enhanced strength, durability, and wear resistance, with an improvement in esthetics over current direct provisionals. And while Radica is new, it has already proven itself to be one tough customer. Radica has been validated by field-testing in multiple laboratories, with over 90% of evaluators expressing a preference for Radica over their current processes. If you are looking for a temp that will not crack under pressure, or break your bottom line, look no further than Radica. It’s one tough temp!

Crowns | Inlay / Onlay | Maryland Bridge
PFM Restorations

**Classic PFM Crowns and Bridges**

Derby’s Classic PFM is a time tested porcelain fused to metal restoration that combines the latest advancements in ceramic and metallergic technologies. Our digital technologies provide the highest level of esthetics, strength and function available. Derby’s Classic PFM is produced entirely in our laboratory by our highly skilled technicians.

_Fused to: Base, Noble, and High Noble_

**Economy PFM Crowns and Bridges**

Derby’s Economy PFM offers a great cost to quality ratio. Utilizing the Triple Tray impression technique, Derby is able to offer a more economic option. Recommended for posterior crowns and bridges.

_Triple Tray impression ONLY_

_Fused to: Base & Noble_

**PFM Services**

- Maryland Bridges
- Cast Posts & Cores
- Porcelain Butt Margins
- Fit to Existing Partial
- Reduction Copings
- Designs for Future Partials
Full Cast Restorations

**Full Cast CAD/CAM Restorations**

Derby’s full cast restorations are computer designed and milled in wax using our in-house CAD/CAM technology. Crowns are made with alloys that have high marginal integrity, durability, resistance to oxidation, corrosion and plaque build-up.

**AVAILABLE ALLOYS INCLUDE:**
- High noble gold
- Noble gold
- High noble white
- Noble white
- Base metal

**Diagnostic Work-Ups**

Derby offers a wide array of diagnostic services to help your office increase acceptance for your treatment planning.

*Diagnostic Wax-Ups*
*Soft Tissue Models*
*Temporary Matrix*
*Tooth Reduction Matrix*
*Duplicate Models*
Implant Department

Simplete™ provides a FLAT FEE for a soft tissue model, custom abutment with screw, abutment placement stent, and crown restoration. SIMPLY send a fixture level impression, an opposing cast and a bite registration along with your choice of abutment material and crown type. We will COMPLETE the restoration! Abutments are available in zirconia and titanium.

- Simple to plan
- Simple to price
- Simple to place

Flat fee Titanium custom abutment (price includes PFM to noble crown)*
Flat fee Zirconia custom abutment (price includes Crystal zirconia crown)*

*If an alternate restoration material is preferred, please indicate and the price will be adjusted accordingly.
Custom Milled Bars

**Implant retained overdenture**

Custom milled bars are designed by our implant specialists utilizing the most advanced CAD software and milled from a solid block of titanium to assure the most precise fit possible.

In-House Technology

Our in-house NobelProcera CAD equipment allows us to cater to all your Implant needs. From the first examination to the final fitting, Derby Dental offers an integrated set of technologies and a seamless manufacturing process – from conoscopic holography and the latest 3D prosthetic software to a highly advanced production facility. Combined, these technologies create exceptionally precise, strong and biocompatible dental prosthetics for all indications.
Dentures

Our technicians have been extensively trained in the TEREC/ESP, Swisedent, and Dentsply Trubyte tooth arrangement techniques.

TEREC/ESP Denture System

If predictable results are a problem with your denture patients consider the 4 appointment TEREC/ESP Denture System.

- Better esthetics
- Simple to use
- Predictable results
- Step by step 4 appointment dentures
- Reduces resets and remakes
- Provides your patient with the function and fit they deserve

Elite Denture

Our Elite Denture price includes: Baseplate with bite rim, set-up, process, and elite teeth.

Teeth: Portrait

Premium Denture

Our Premium Denture price includes: Baseplate with bite rim, set-up, process, and premium teeth.

Teeth: DDL Premium (Lifetime warranty)

Economy Denture

Our Economy denture price includes: Baseplate with bite rim, set-up, process, and economy teeth.

Teeth: New Hue
Denture Services

Repairs - Priced according to the complexity of the repair.

Hard Reline - Processed using heat cure acrylic for a denser more stable base.

Soft Reline - Thermo Elastic

Thermoelastic Process - Softline within a new denture

Rebase - Rebases are processed with our Premium Denture Acrylic.

Baseplate Only - Triad

Baseplate with Wax Rim

Custom Impression Trays

Personal Identification (required in Indiana and Ohio)

Surgical Templates - vacuum formed.

Sleep Apnea

Tap 3 - The TAP 3 is a mandibular advancement device for the treatment of snoring and sleep apnea.

EMA - The EMA is an affordable option for the treatment of snoring and sleep apnea.

Bite Splints

Heat & Seat Splints - Hard/Soft

Seats like a hard/soft appliance. Functions like a hard appliance with minimal coverage.

Comfort-Brux Splints - Hard/Soft

Processed with balanced occlusion and canine rise.

Bruxing Splints - Hard

Processed with balanced occlusion and canine rise.

Thermo-Form Splints - Hard/Soft or Hard
Partial Dentures

**Duraflex Flexible Partial Dentures**

Duraflex flexible partial dentures are the optimal choice anytime metal free partials are indicated or the patient prefers not to use a fixed restoration. Patients who have worn both conventional frames and Duraflex partials report that Duraflex feels more natural and is more comfortable.

- Metal free
- A flexible partial that is virtually unbreakable
- Lightweight and comfortable
- Available in pink, medium pink, dark pink, & clear
- Excellent choice for patients with acrylic allergies

**Gasket Supported Acrylic Partials**

Gasket Supported partials are an acrylic tissue-bearing appliance featuring a soft elastomeric gasket which clasps the neck of each natural tooth to seal out food and fluids. The Gasket material cushions and splints each natural tooth from the hard denture base. It eliminates wear, stress and torque of metal clasps. It can postpone or eliminate total loss of periodontally involved teeth and improve tooth stability.

**Acrylic Partials (5 or more teeth)**

Our Acrylic Partials are fabricated using premium denture acrylic for a high level of esthetics, durability and patient satisfaction. Cast or wire clasps can be added for an additional charge.

**Temporary Flippers (up to 4 teeth)**

Our Temporary Partials are fabricated using economy denture teeth and Eclipse resin base. Wire clasps can be added for an additional charge.
Partial Dentures

All of our cast partial frameworks are made with the highest quality alloys containing no Nickel or Beryllium for our patients comfort and your peace of mind.

Derby’s Vitallium Cast Partial

Derby’s Premium Cast Partials are fabricated with Dentsply Vitallium alloy that possesses the mechanical properties necessary for thinner framework designs. Derby’s Premium Cast Partial frameworks allow the retentive clasp arm to be adjusted without fear of fracture.

• More precise fit
• Lighter weight
• Nickel & Beryllium free
• Easily adjustable, yet high tensile strength

Derby’s Economy Cast Partial

Derby’s Economy Cast Partials are fabricated with Dentsply Neoloy N alloy providing a strong biocompatible framework.

Nesbit

For one or two tooth replacement in a single quadrant.

Additional Components

Cast Metal Facing or Backing (flat back)
Metal Onlay
D.E. Hinge
Attachment Partial - Crown retained partial

Repair Components

Cast Clasp, Strengthener or Saddle Retention
Cast Rest
One Tooth Retention
Wrought Wire
Laser Weld Joint
Orthodontics

Maxillary Hawley Retainer
Mandibular Hawley Retainer
Maxillary Hawley Spring Retainer
Mandibular Hawley Spring Retainer
Maxillary Hawley with Adams Clasp
Mandibular Hawley with Adams Clasp
Maxillary Full Arch Wire Hawley
Mandibular Full Arch Wire Hawley

Designer Colors
Custom Designs
Acrylic Repairs
Clasp Repairs

FIXED ORTHODONTICS

3X3 LINGUAL ARCH
6X6 LINGUAL ARCH
PORTER APPLIANCE
BAND & LOOP SPACE MAINTAINER
RAPID ARCH EXPANDER
SPACE REGAINER
THUMB HABIT APPLIANCE
Managed Care Services

**D.M.C. Derby Managed Care Crowns and Bridges**

In order to fulfill the need for lower cost restorations, Derby is offering an alternative to our existing product line. Introducing DMC (Derby Managed Care). These restorations, although not fabricated in our local laboratory, are made using the same materials from the same suppliers that we use at our Louisville, KY facility. In order to make this possible, we have partnered with DENTSPLY/Prident/ China assuring you a quality restoration with Derby Dental Lab and DENTSPLY’s quality assurance guarantee. This assures we can meet the same high standards of quality and service that you have come to expect from Derby Dental Laboratory.

All materials are FDA and ADA approved.

- Porcelain to Base
- Porcelain to Noble
- Porcelain to High Noble White
- Porcelain to Premium Yellow
- Captek Crown
- E.max
- Full Cast Non-Precious
- Full Cast Noble White
- Full Cast Noble Yellow
- Full Cast High Noble Yellow
- 180° Porcelain Butt Margin
- 360° Porcelain Butt Margin
- Metal Occlusal/ Lingual Noble
- Metal Occlusal/ Lingual High Noble
- Partial Rest (in metal)
- Post & Core

*Separate prescription form available to direct units to DMC department.*