




AMERICAN EAGLE INSTRUMENTS® INC
better DENTISTRY by DESIGN™

PROUDLY MADE IN THE



WHO IS AMERICAN EAGLE?

American Eagle Instruments (AEI) opened its business doors in 1992 and with engineering experience, unequaled skill, a goal to produce the highest quality dental instruments, and a “lead-not-follow” philosophy, American Eagle Instruments became reality.

Today, American Eagle Instruments has evolved to become the second largest manufacturer of dental hand instruments in the world. Based in Missoula, Montana, and employing approximately 70 crafts people, AEI remains an employee-owned company. We pride ourselves on providing the world’s finest quality dental hand instruments. Our focus remains on progressive, innovative dental products which allow the practitioner more efficient processes with added ergonomic comfort.

AEI offers comprehensive lines of dental products designed for the forward thinking dental professional. Our product lines include diagnostic instruments, curettes, scalers, composite placement & restorative instruments, and cone socket instruments. AEI’s latest innovations include medical grade titanium implant instruments and unique Double Gracey™ universal curettes. Additionally, AEI provides ancillary dental product lines which include cassettes, sharpening systems, handpiece lubricants, and endodontic instruments.

American Eagle Instruments also offers state-of-the-art surface engineering technology, featuring the XP line of instruments. XP Technology™ instruments are fabricated using a patented surface engineering process that results in razor-sharp edges that start sharp and stay sharp longer than any carbon or stainless steel instruments available. XP Technology™ reflects the latest innovation in dental hand instruments - providing you with instruments that require **NO RE-SHARPENING** for the entire life of the instrument!

We know our customers expect nothing less from a company that delivers “**Better Dentistry by Design™**”.



What is XP[®] Technology

The **Sharpen-Free** InstrumentsSM

ADVANCED
SURFACE
ENGINEERING

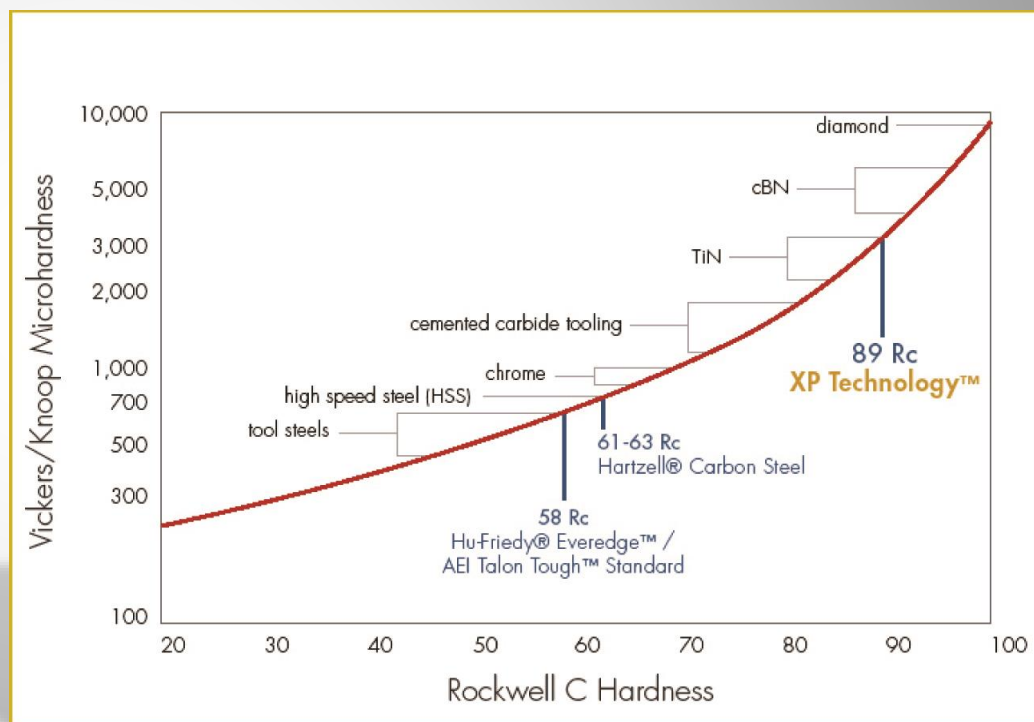
Instead of sharpening, wouldn't you rather...?



WHAT IS XP TECHNOLOGY?

Benefits

- Very thin blade design
- More comfort; less fatigue
- SHARPEN-FREE design
- Will last months without dulling
- Saves time and money
- Sharpest factory edge ever
- Requires a lighter (exploratory) touch, which aids in ergonomic hand protection
- Enhances patient comfort
- Decreases scaling noise for auditory comfort
- Less lateral pressure required



The Rockwell Hardness chart is used to determine and measure the hardness levels of materials used in a variety of products. XP Technology™ scores a hardness of 89 which is just below a diamond which earns a Rockwell score of 100.

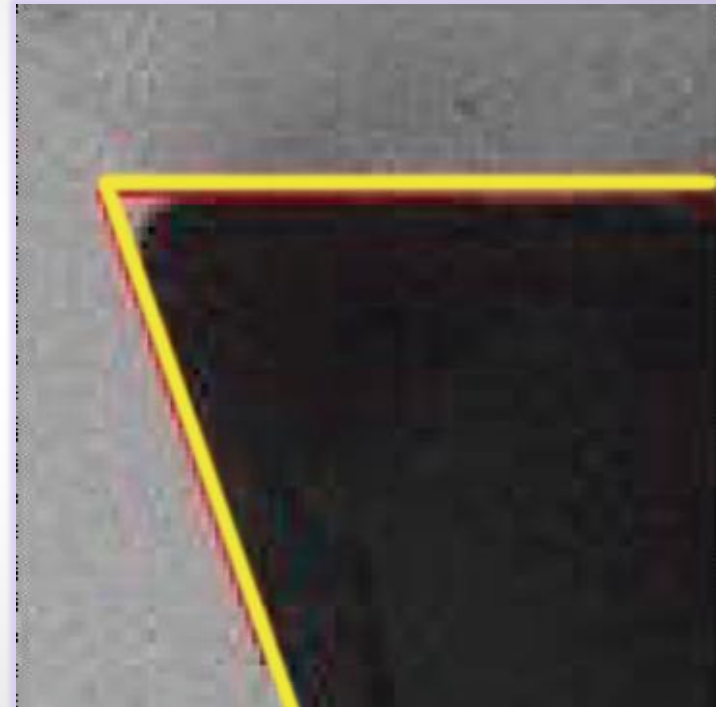
OVER 100 TIMES GREATER WEAR RESISTANCE

Stainless Scaler



1,500 Strokes

XP Scaler



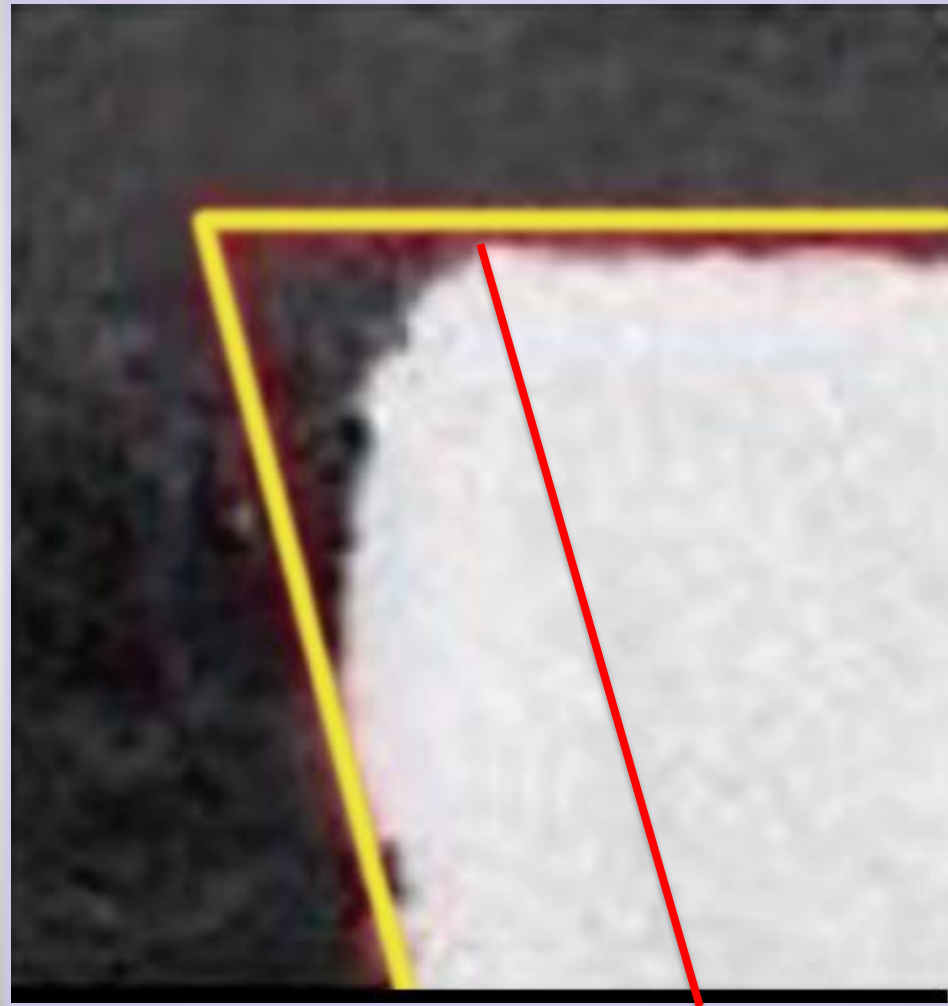
15,000 Strokes

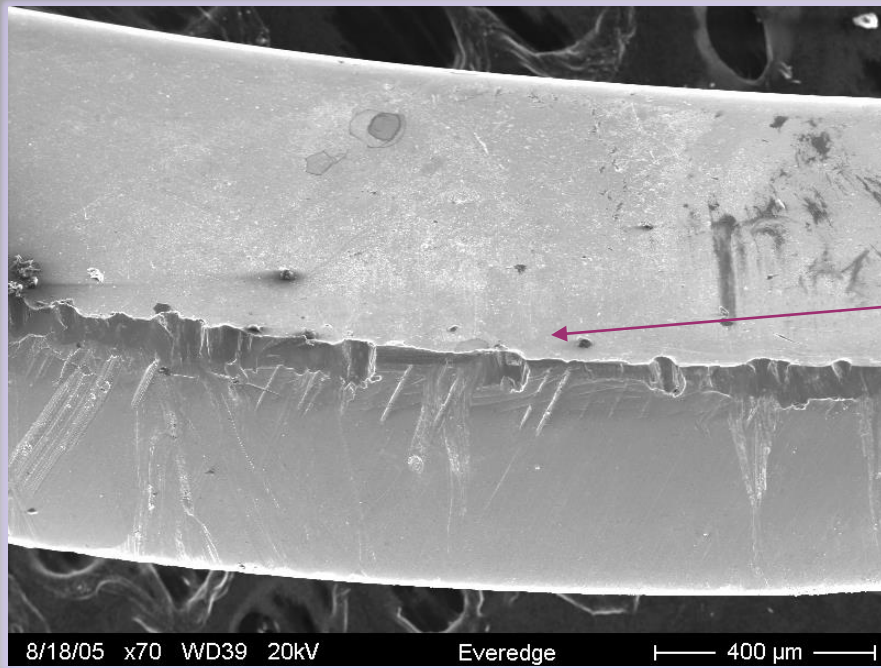
Scale: Each Frame = 0.10mm x 0.10mm

Independent analysis performed by Dr. Phillip Watson, University of Toronto

Notice: Images are of different scalers due to the process of imaging each stage.

To re-create the factory edge, this instrument would need to be re-sharpened along the **RED line**.

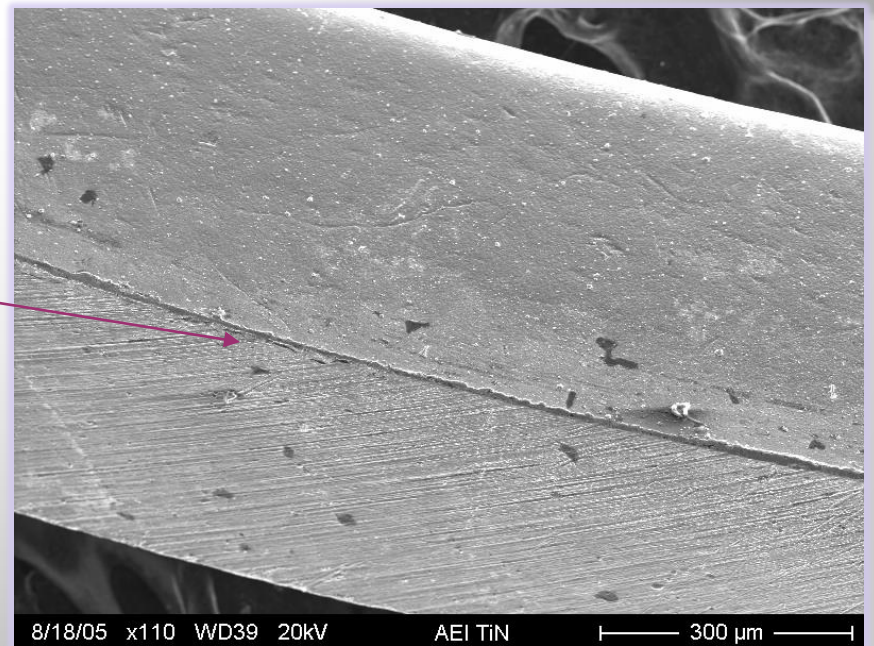




Hu-Friedy Everedge
Curette cutting edge after
abrasion against
American Eagle's XP
Technology surface-
engineered cutting edge.

American Eagle Curette cutting edge after
abrasion against Hu-Friedy Everedge
Curette's cutting edge.

<http://www.youtube.com/watch?v=w5dr5TGD9bo>



BENEFITS

of **XP Technology** over any other stainless steel instrument

For the patient

- Calculus removed quicker
- Less time required in the chair
- Less force/pressure put on teeth
- More comfort for the patient
- Auditory advantage: scaling “noise” is considerably less
- Calculus removed more completely with less risk of burnishing

For the hygienist

- Improved Posture
- Ergonomics
- Lightweight
- Lighter grip for more tactile sensitivity
- Less force required
- Decreased risk of Carpal Tunnel Syndrome
- Career longevity
- Time-saver
 - Less time required to clean/scale
 - More free time to do other things
- Production enhancer



XP Technology on the Radio!



Cross Link Radio

Listen in as Shirley Gutkowski talks to her guests about your work, your health, and your leisure. Cross Link Radio has you covered.

<http://www.rdhpurpleguide.com>

<http://www.twitter.com/shident>

<http://www.facebook.com/AmericasDentalHygienist>

Shirley interviewed Lewis Meyers on May 28, 2013 about American Eagle Instruments and XP Technology instruments. Listen to the program by clicking here:

<http://www.blogtalkradio.com/crosslinkradio/2013/05/28/tuesday--one-more-thing-with-lewis-meyers>



AMERICAN EAGLE INSTRUMENTS® INC

better DENTISTRY by DESIGN™

DO YOUR INSTRUMENTS WORK FOR YOU OR AGAINST YOU?

Fusionista, Angie Stone, RDH, points out in her article entitled “*Are Your Instruments Working For You or Are You Working For Them?*” the value of using high quality, sharp instruments. She puts in excellent perspective how it saves time for the hygienist. What would you rather do instead of sharpening?

What are the savings?

Average cost of dental appointment\$209
Average wage of dental hygienist.....\$35 per/hour*
Weeks per year worked.....48
Average time to sharpen instruments.....1 hour/week

**If you do the math, that is an average of \$10,032
in lost revenue per hygienist, per year!**

So, what's new in hand instruments???

BLACKJACK™

**UNIVERSAL
SICKLE
SCALER**

DG **DOUBLE
GRACEY^{xp}**
The Next Generation



THE ALL-NEW

Blackjack

From



AMERICAN EAGLE INSTRUMENTS® INC

better DENTISTRY by DESIGN™

BENEFITS

♠ LONG SHANK DESIGN PROVIDES EXCELLENT POSTERIOR ACCESS

- Contra-angle sickle scaler
- Slip-free handle design

♣ VARIOUS STYLES AVAILABLE

- Available in Quik-Tip™ cone sockets
- Available in stainless or resin handle
- Available as a complete instrument

♥ "SHARPEN-FREE" XP TECHNOLOGY™

- Slimmer blade design
- Retains factory edge
- Saves time and money
- Titanium Nitride alloy **doesn't require sharpening for the life of the instrument!**

♦ 100% HANDCRAFTED IN THE USA

"The verdict is out. American Eagle Instruments' XP Technology is FREAKING AMAZING! The tactile sensitivity is incredible, and the blade....I LOVE it!"

- Josalyn S., RDH
Farmington, NM



★★★★ BATTLE OF THE SCALERS ★★★★★

Originals can be improved upon



AMERICAN EAGLE INSTRUMENTS[®] INC

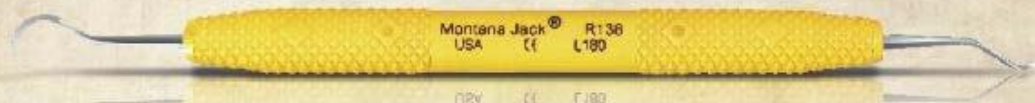
Black "XP Technology" Jack



- + Requires NO RE-SHARPENING for the life of the instrument
 - + Should last as long as your Montana Jack[®], but won't require re-sharpening
 - + Patented XP Technology[™]
 - + Longer shank for improved posterior access
- + Slip-free EagleLite[™] Stainless and resin plastic handle
- + Available also in Quik-Tip[™] Cone sockets

VS

Montana "the original" Jack[®]



- + Stainless steel requires sharpening
- + Nice sickle design

Blackjack Product Codes:

AESB.JXPX: Blackjack XP in EagleLite[™] Resin Handle
AESB.JXPZ: Blackjack XP in Stainless Steel Handle
AESB.JX: Blackjack Talon Tough in EagleLite[™] Resin Handle
AESB.JZ: Blackjack Talon Tough in Stainless Steel Handle
AESB.JXQPQT: Blackjack XP Quik-Tip[™] A
AESB.JXBPQT: Blackjack XP Quik-Tip[™] B
AESB.JATTQT: Blackjack Talon Tough Quik-Tip[™] A
AESB.JBTQT: Blackjack Talon Tough Quik-Tip[™] B



BLACKJACK SCALER

Benefits

- Long Shank design provides excellent posterior access
- Sharpen-free XP Technology
- Available in Quik-Tip cone sockets
- Available in stainless steel or resin handles

“I received a Blackjack scaler by American Eagle last week. I can’t even believe I’m saying this, but it may now be my favorite instrument! For those of you who know me, you already know I have had a long time love affair with another instrument.”

- Kris Dowling, RDH

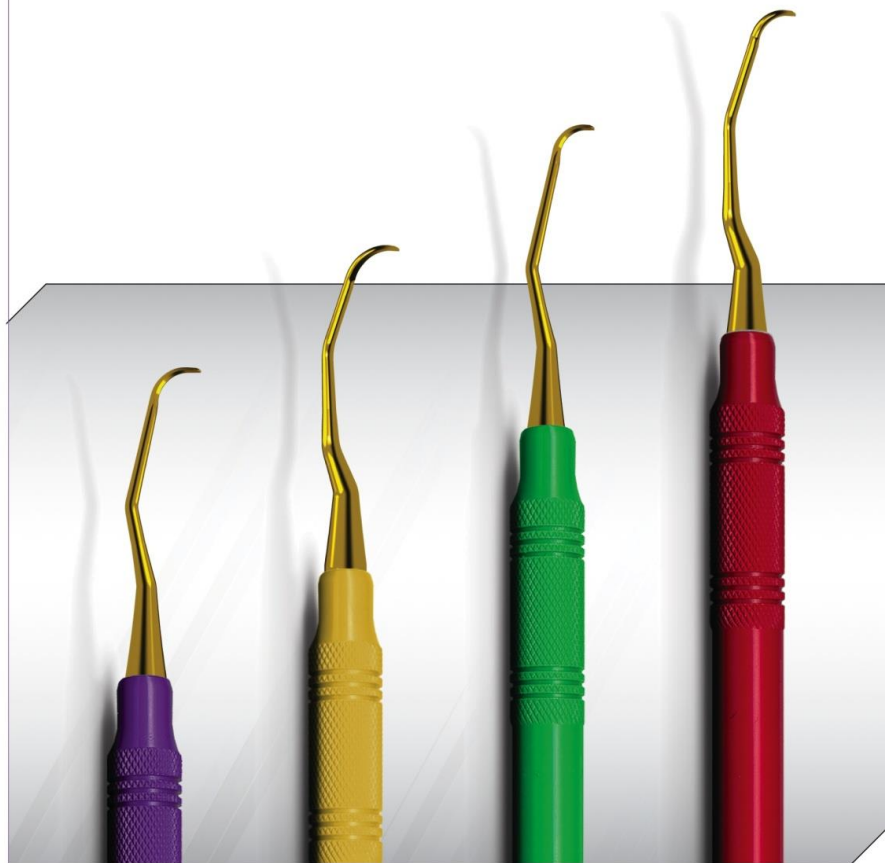


RDH Under One Roof 2013

Blackjack Video featuring 2014 Fusionista,
Stacy Deemer, & Kris Dowling

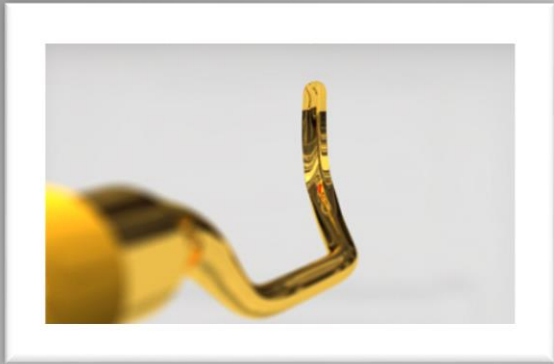
<http://www.youtube.com/watch?v=NVDHtstbooU>

DG DOUBLE
GRACEY™
xp
The Next Generation



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DOUBLE GRACEY



The Double Gracey™ is the latest innovation from American Eagle Instruments. Two instruments combined into one. This allows the operator to follow the Gracey technique, but with the economy of using universal curettes. The face of Double Graces™ are raised, thus creating two slightly sloped faces, approximately 110 degrees, measured from the terminal (lower) shank.

Benefits

- Allows the clinician to stay in one ergonomic position during scaling without shifting positions
- Allows clinician to keep lower shank parallel to tooth surface (axis), similar to traditional Gracey instrumentation
- Maneuver between mesial and distal surfaces without switching or flipping instruments
- Enables clinician to scale from light to heavy calculus
- Rounded toe provides safe access for subgingival scaling



RDH Under One Roof 2012

Double Gracey video featuring Liz Nies, Lory Laughter, & Trish De Dios



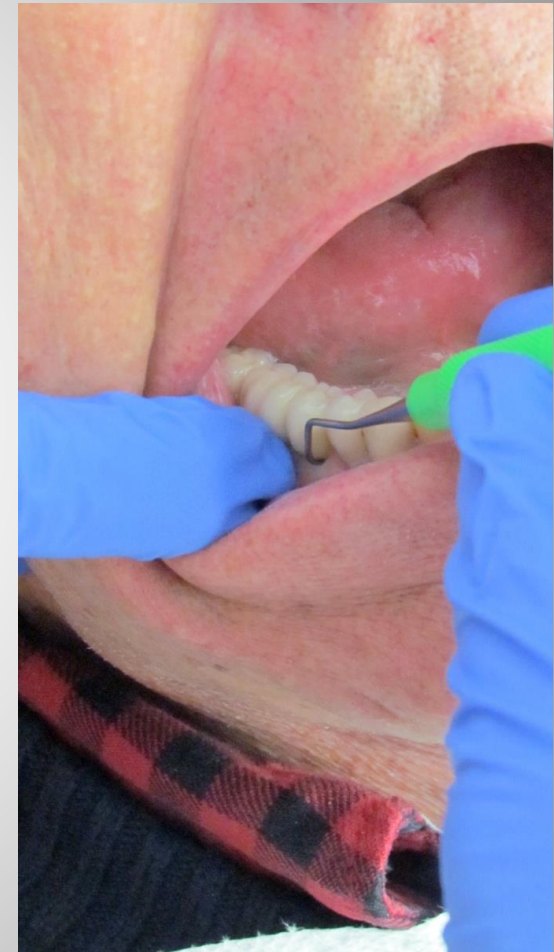
http://www.youtube.com/watch?v=ps4T57_6Dhs

IMPLANT INSTRUMENTS

Benefits

Made of medical grade titanium, these instruments will not scratch or damage titanium implants and are 100% made in the USA.

- Unique patterns include scalers with rounded toes for safe sub-gingival areas
 - Barnhart 5-6
 - Langer 3-4
 - Nebraska128/Langer 5
 - 204S
- Made exclusively with lightweight EagleLite™ resin handle
- Reduce hand fatigue



QUIK-TIP™ CONE SOCKETS

Benefits

Designed with the hygienist in mind, Quik-Tips™ offer the ability to discard a single end when it becomes dull, without having to replace your entire instrument. This can provide significant cost savings.

- Completely customizable
- Significant cost-savings
- Eight handle colors to choose from (resin or stainless steel)
- Replace tip in seconds
- Reduce waste



ADA 2014

Quik-Tip video featuring Laura Caravella, RDH



https://www.youtube.com/watch?v=la4upMD2_rl



XP INSTRUMENT MAINTENANCE

Do

- Lightly shave away heavy calculus with 4-6 strokes.
- Practice care as these are slimmer instruments
- Clean debris off instruments prior to sterilization
- Use cassettes for cleaning and storage
- Periodically test for sharpness which will avoid the potential for excessive pressure and/or breakage
- Use de-mineralized water
- Use Ph balanced cleaners
- Use AEI's ultrasonic cleaner solution
- Always rinse thoroughly prior to drying
- Always dry instruments thoroughly before storing

Avoid

- Use on margins, overhangs, amalgam, or composite
- Allow tips to touch while cleaning or storing
- Use Chlorine-based or Sodium-based solutions



CASSETTES

American Eagle Instruments offers a variety of cassettes

Benefits

- Sterile and organized set-ups ready at chairside
- Reduce cross contamination risk
- Reduce processing time
- Allows for easier training of staff
- Easy color coding system



AEI - PHILANTHROPY

We put the *FUN* in fundraiser!

American Eagle Instruments prides itself on participating in our community and helping others. You will find our employees where the need is big or small.



Easter Egg Hunt 2011



Cash Hyde Cancer Fundraiser 2010

Dental Philanthropies Supported:

- 1,000 Smiles Jamaica
- Baptist Mobile Health Ministry
- Central American Relief Efforts
- Charity Anywhere Foundation
- Interfaith Dental Clinic
- Just Kids Dental
- La Clinica de la Raza
- Medical Teams Int'l Dental Vans
- Noor Dental Clinic
- Tooth Fairies, Inc
- Willow Creek Community Church
- and many others!!

SCHOOLS/MILITARY

American Eagle Instruments is proud to be the chosen dental instrument manufacturer for many top government institutions and civilian universities.

Top Civilian Schools

- New York University
- Medical College of Georgia
- Columbia University
- University of Texas – San Antonio
- University of Texas - Houston
- Cabrillo College
- Parkland College
- Madison College

Top Government Facilities

- VA Medical Center (Brooklyn, NY)
- VA Medical Center (Houston, TX)
- VA Medical Center (Cheyenne, WY)
- VA Medical Center (Ann Arbor, MI)
- VA Medical Center (Minneapolis, MN)
- Department of Veterans Affairs (NYC)

Fusionistas and Schools



Fusionistas, like Karen Siebert and Liz Nies, have provided hands-on XP Technology presentations for students and faculty at schools such as Carrington College and Parkland Community College

Fusionistas & American Eagle Instruments... partners in the press!



<http://www.dentalproductsreport.com/dental/article/team-approach-american-eagle-instruments-xp-curettes-minimize-need-sharpening#.UALQzeUSAY.facebook>

- July 2012 issue of *Dental Products Report*. "Team Approach: American Eagle Instrument's XP Curettes Minimize the Need for Sharpening" by Liz Nies, RDH, EA, AS

<http://cpsmagazine.com/dental-team-member/which-hygienist-are-you>

- March 2013 issue of *Contemporary Product Solutions*. "Which Hygienist Are You?" by Carla Gantz, RDH

<http://www.rdhmag.com/articles/print/volume-33/issue-4/features/how-instruments-increase-productivity.html>

- April 2013 issue of *RDH Magazine*. "How Instruments Increase Productivity" by Jennifer Schultz, RDH

<http://www.rdhmag.com/articles/print/volume-33/issue-02/features/as-the-song-says-whats-love-got-to-do-with-it.html>

- February 2013 issue of *RDH Magazine*. "As the song says, 'What's Love Got to Do with It?'" by Keverly Sugden, RDH.

xp Rewards™

BECOME A MEMBER OF XP REWARDS TODAY AND START SAVING!



Receive FREE instruments!!!



Exclusive offers available to
You year-round



VIP Treatment

Benefits

- Buy 12; Get 2 FREE* - Any curette, scaler, or diagnostic instrument
- Buy 25; Get 5 FREE* - Any curette, scaler, or diagnostic instrument

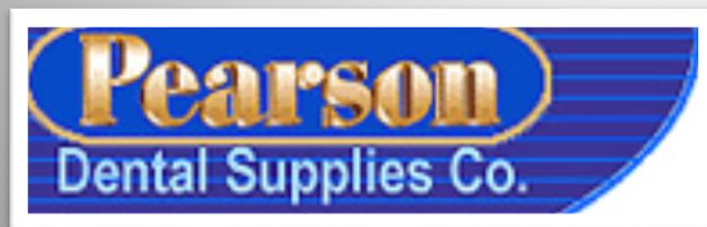
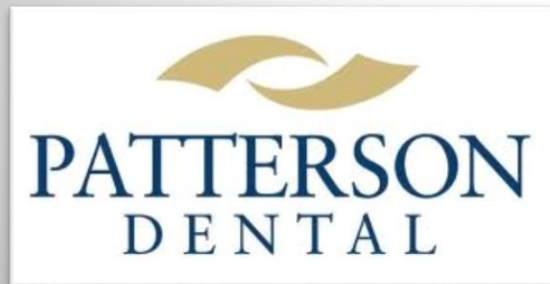
* Free instruments are of equal or lesser value. Valid in US and Canada only.



AMERICAN EAGLE INSTRUMENTS® INC

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American Eagle Instruments are available
at your favorite dental products dealer.



CUSTOMER TESTIMONIALS

“I received an Eagle Talon dental instrument in the mail and all I can say is that in my 20 year career in hygiene, I have never used a better instrument. It is super sharp and stays sharp and I love it! There are 5 hygienists in our dental office and we are trying to convince our dentist to switch over to American Eagle or at least let each hygienist have 1 or 2 on our tray set up. They are fabulous instruments and I thank you for sending a free sample to me. That type of marketing does work!!!”

- Elaine Chan, RDH

“Thank you very much for allowing me the opportunity to sample American Eagle’s latest technology in dental hygiene instruments. I am very happy with the sharp edge and lack of having to sharpen it. The weight of the instrument prevents fatigue of my hand and the knurl is perfect. I look forward to ordering from American eagle for future instruments.”

- Katelyn Brown-John, RDH

“I have tried the instrument and I loved it. This instrument looks like a magic tool in my hand, it performs the job, and it does not get dull. I love to have extra time and do not need to waste the precious time sharpening. Now I need to convince the dentist to fill all my trays with these instruments.

Thank you very much for your help and for the instrument.”

- Rosa Helena Seda, RDH

100% Satisfaction Guarantee

American Eagle Instruments, Inc. stands behind our entire product offering 100%. If a customer does not believe that American Eagle Instruments are of the finest quality, the product may be returned for exchange or credit. This is Our unconditional guarantee.