xpAPce and XPsquared launched

Dentists create 24/7 online conference, tradeshow, C.E. forum

Dentistry is mired in a perfect storm that challenges the profession from all sides: weak economies in the Unites States and worldwide, dental trade show attendance declining every year, and dentists reluctant to close their offices or give up personal time (away from their friends and families) in order to take continuing education courses or spend time at trade shows like they did in the past.

On the vendor side, there are more than 150 trade shows in the United States and worldwide, yet the number of vendor resources has not increased in the same proportion. For example, during the last big trade show in the United States, only 15% of the booths were interest to dentists.

Enter xpAPce and XPsquared. Formed by two dentists, Drs. Alan A. Winter and Frank Murphy (who combined have more than 75 years in education and clinical practice), xpAPce and XPsquared address the challenges facing both the dental profession and the vendors who supply that profession.

xpAPce is a 24/7 online conference, tradeshow, C.E. forum. It is a place where vendors display their products in booths just as they do at brick-and-mortar trade shows. There are plasma screens for videos, PDFs, training films, FAQs, company descriptions, contact information for sales reps, chat rooms at every booth in real time that are linked to the vendors’ websites so vendors can take orders, arrange for in-person demonstrations and more. Cost effective, efficient, far-reaching, the xpAPce online dental community has become a virtual meeting place for vendors and dentists.

From the faculty perspective, E4D Compare provides the tools that utilize current thinking and practices that enhance patient outcomes. For example, E4D Compare provides students with self-evaluation evidence-based assessment tools that also document student progress.

Dental Tribune U.S. Edition | August 2012

Drs. Alan A. Winter and Frank Murphy (who combined have more than 75 years in education and clinical practice), xpAPce and XPsquared form a unique tandem that brings 21st century dentistry to dental professionals worldwide. The future is now! You can register (without charge) to join the XPsquared community today.

Visit the C.E. and company websites at: www.xpapce.com and www.xpapce.com or go straight to the online community at: www.2viturevents365.com/xpsquared.

For more information, email info@xpapce.com or info@xpsquared.com or call (212) 355-5355.

D4D Technologies, manufacturer of the E4D Dentist™ system, has launched E4D Compare™ — an innovative adaptive learning technology tool for dental teaching institutions.

E4D Compare provides students with self-evaluation tools for precise measurement and feedback about the student’s sample preparations and restorations and how they compare to the institution’s standards. As students progress, they develop digital portfolios that demonstrate their accomplishments in tooth preparation, restoration design and occlusal articulation.

Adaptive learning technology trains new dentists

Evidence-based assessment tools that also document student progress. “The development of E4D Compare and its utilization in teaching institutions provide both students and faculty an innovative method of self-paced learning and a more consistent and objective evaluation of all parameters. This is another example of our commitment at D4D to making dentistry better at every level,” said Dr. Gary Severance of D4D Technologies.

“There is a crisis in dental education; many students believe that grading is subjective and inconsistent,” said Dr. Gary Severance of D4D Technologies.

From the faculty perspective, E4D Compare provides separate index cards with the Global Standards and the Global Standards in mind, ensuring that the student is aware of the expectations of dental professionals. Thus the student is prepared for the examination process and oral hygiene functions.

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**High-tech laboratory uses latest CAD/CAM**

Excel Studios is a full-service dental laboratory specializing in full-mouth and implant reconstructions. The state-of-the-art facility is equipped with the latest in CAD/CAM technology. Through its unique partnerships with leading implant manufacturers, it is able to offer name brand products with full manufacturer warranties for your peace of mind.

Visit Excel Studios on the Web at [www.weknowsmiles.com](http://www.weknowsmiles.com) or contact a representative directly at (800) 981-9008, and let Excel Studios help you reach your ceramic goals.

*(Source: Excel Studios)*

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**IMPRESSION, page A11**

The greatest advantage is for optical impression users, because it allows scanning the abutment exactly the same way as a natural tooth. The digital impression is an extremely accurate method for taking impressions, and it is gaining its place in the dental general practice very fast. Still, its use in implant prosthodontics is limited. A comparative study by J. B. Da Costa published in 2003, shows that there is no difference between direct oral scanning and indirect scanning of a stone model from PVS impression, which confirms the high accuracy of both methods.

**Summary**

The passive fit of the prosthetic framework is extremely important, especially for longevity of an implant. Every implant, even the cheapest one, can last many years in the patient’s mouth if only it is correctly loaded and properly restored. Lack of the passive fit usually leads to serious bone loss and implant failure.

The practitioner has to do everything possible to keep the restoration in the zone of 10 µm of the marginal fit. An implant, unlike a natural tooth, does not have periodontal mechanism that gives the natural tooth a resilience of 50-80 µm. Splinting as many crowns as possible divides evenly the load between the implants but can compromise the passivity due to the poor accuracy. To achieve 50 µm level of accuracy, every single negative cause should be eliminated from the impression procedure.

The only recipe for implant-supported restoration success is an accurate impression. Currently, the alternative to the transfer impression is the silicon or optical direct impression of the abutment with G-Cuff™ by Stomatotech or with an optical impression with an aid of scanable bodies. These two methods deliver a substantial passive fit that assures longevity of the implants and of the whole restoration.

*Note: A complete list if references is available from the publisher.*

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**ADAPTIVE, page A12**

Dr. Walter Renne, course director for CAD/CAM technologies and ceramics at the Medical University of South Carolina, College of Dental Medicine. “The E4D Compare software program enables students to learn by challenging themselves against the ‘master’ templates. E4D Compare has proven to be revolutionary in my classes.

The students that have used this program have seen fast results and have been engaged from the beginning. The E4D Compare software provides new possibilities for enhancing the learning experience within the dental curriculum.”

E4D Compare is available through Henry Schein Dental and is compatible with E4D Dentist and E4D Labworks systems and PCs meeting certain processing and graphics requirements. For more information, go to [www.e4d.com/compare](http://www.e4d.com/compare).

**About D4D Technologies**

D4D Technologies is the creator of the E4D Dentist and E4D Labworks systems, which use high-speed laser scanning technology to produce digital 3-D impressions of teeth without the application of contrast agents. Intuitive DentalLogic™ software enables operators to customize restoration designs and send them wirelessly to the precision mill that uses the latest restorative materials to produce fine esthetic restorations. D4D also offers E4D Compass for restorative-driven implant solutions and E4D Compare adaptive learning technology for teaching institutions.

*(Source: D4D Technologies)*

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**AKC Male and Female English Bulldog Puppies**

The puppies are AKC registered, with champion bloodlines and will come with a pedigree, microchip, vet check with health certificate, a one year guarantee against congenital defects, all shots and wormer.

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