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 attend ance 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, with sales of vendor resources. While some meetings and shows are as strong as ever, many are in the decline. And when attendance drops at meetings, it is more difficult for vendors to realize a good ROI (return on investment). As a profession, we have come to expect vendor visibility (and often high visibility) at most major events. We ask vendors to support lunches and cocktail hours, supply tote bags and more, to the point that it is assumed they will always meet our needs. But are we meeting theirs? The way all of us learn and do business has changed forever.

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. Awkward as it appears, it is not a word to be spoken but an acronym for “eXpert Evidence-Driven Continuing Education.” Focus on “eXpert.” We have assembled 15 leading experts to serve as academic advisors who monitor the content and timeliness of our courses given by our world class scholars. Our courses are unique! They are designed to be practical and informative, to remind us of those special steps that make us better clinicians. They are procedural specific. They disassemble techniques and therapies and then put them back together better than before. They are building us better clinicians. They are procedural specific. They disassemble techniques and therapies and then put them back together better than before. They are building us better clinicians.

From the faculty perspective, xpAPce and XPsquared form a unique tandem that brings 21st century dentistry to dental professionals and vendors around the world. The future is now! You can register (without charge) to join the XPsquared community at: www-2.virtualevents365.com/xpsquared or go straight to the online Resource Center. Use your personal badge to connect, trade show services, white papers and more.

For more information, email info@xpsquared.com or call (212) 355-5355. (Sources: xpAPce and XPsquared)

Adaptive learning technology trains new dentists

Evidence-based assessment tools that also document student progression. "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 to making dentistry better at every level," said Dr. Gary Severance of D4D Technologies.

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 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.

From the faculty perspective, E4D Compare provides evidence-based assessment tools that also document student progression. "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 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 Fifteen leading experts serve as academic advisors monitoring content and time lines of the xpAPce and XPsquared courses delivered online by world class scholars.
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 or contact a representative directly at (800) 981-9008, and let Excel Studios help you reach your ceramic goals.

(Source: Excel Studios)

High-tech laboratory uses latest CAD/CAM

Name brand products with full manufacturer warranties

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(Source: Excel Studios)

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 JOD, 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.

Splitting 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.

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.

About DaD Technologies

DaD 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. DaD also offers E4D Compass for restorative-driven implant solutions and E4D Compare adaptive learning technology for teaching institutions.

(Source: DaD Technologies)