Microscope use for the dental team

Join this one-day, hands-on course for an introduction to using individual Zeiss microscopes within a demo surgery set-up

Since its introduction into dentistry over 20 years ago, the microscope has become commonplace in endodontoics and periodontics, but it can be used for so much more than just these procedures. Accuracy of both crown and cavity preparation is unequalled and the type of preparations and instruments used are often specific to the microscope. You can prep those margins you never could really see and be confident of a better fitting crown.

Caries removal is accomplished with the adjunct of caries stains, and is extremely accurate. The combination of excellent magnification and coaxial illumination give the best possible visual feedback. The microscope is an excellent teaching tool and can be used to record both video and photograph at the highest quality. These images are excellent for both patient communication and education, as well as being able to be used for teaching and contemporaneous record keeping. During the course we will talk about different imaging and archiving systems available.

Outputs to monitors enable nurses, patients, accompanying persons, or other to see what the operator is seeing. It adds tremendous value to the treatment and will help differentiate your practice.

An essential tool

If you want to offer the highest standard of endodontics possible to your patients then a scope is essential.

It is superb as a diagnostic tool, enabling early identification of fractures, caries, leaking restorations, resorptive defects and many more. Local anaesthetic can be delivered in a truly gentle manner by seeing the exact position of the needles bevel.

It is invaluable in retreatment, meaning that now many procedures are able to be treated non-surgically with techniques such as instrument removal, perforation repairs, open apex management and management of calcified canals becoming routine.

We will show examples of implant placement under the microscope, and how teeth are extracted utilising the scope and rubber dam. We will show surgery with microsurgical instruments, ultrasonic aids to cavity preparation, using the scope to find caries and fractures.

Reducing stress

During the day, delegates will be shown how to work effectively and ergonomically, speeding up procedures and reducing stress. We will show how to plan your surgery design to make scope usage easier, we will show correct positioning of dentist, assistant and patient to enable unsurpassed vision in all areas of the mouth. We will complete a full mouth exam under low and high power showing the versatility of the scope.

How to book

The course will be held at Highfield Dental Clinic, Birmingham on July 11 2009. Places cost £295 plus VAT per dentist and £100 plus VAT for one nurse. The course provides six hours of verifiable CPD. To book your place, contact Martin Hellawell on 01453 759659 or email martin@nuview-ltd.com.