

Look forward to a healthier future...



'Increased working distance loupes prevent the dangerous habitual postures that lead to permanent spinal damage. Combined with correct seated height and posture, there is no reason why you cannot continue to practice comfortably and enjoyably for as long as you wish.'

Paul Cruci

Keeler

Let Keeler Loupes take the strain throughout the different stages of your career

What else would your degree qualify you to do if you were no longer able to practice dentistry?

A frightening thought, but a reality to many UK dentists each year who are forced to give up practice due to back and neck pain. You are particularly at risk if you are female, and/or taller. Endless visits to the osteopath or chiropractor do not cure the problem. Eventually spinal surgery may be required. Life outside dentistry is profoundly affected.

But this need never happen, if the correct precautions are taken. Increased working distance loupes prevent the dangerous habitual postures that lead to permanent spinal damage. Combined with correct seated height and posture, there is no reason why you cannot continue to practice comfortably and enjoyably for as long as you wish.

Loupes also allow a much higher degree of working accuracy to be achieved. Patients are well aware of this, and increasingly demand treatment under magnification.

The greatest benefit is obtained by the transition from working with the naked eye to 2.5x magnification. One study showed that the incidence of detection of the MB2 canal in maxillary molars increased from 17% with the naked eye to 62% with loupes¹.

Low power magnification is a cost effective means of establishing lifelong habits of correct posture.



Keeler SuperVu Galilean system delivering 2.0x, 2.5x and 3.0x magnification with the New K-L.E.D. head light.

2.5x magnification is an excellent entry level power for the new user. The field depth and width of these units are very forgiving of existing operator posture, whilst encouraging a new, improved posture to develop.

Eventually, you may wish to move up to higher resolution loupes, with superior light transmission. These are particularly useful as normal ageing reduces retinal sensitivity, and these units can restore remarkable clarity.



Keeler New SuperVu Hi-Res Galilean system delivering true 3.0x magnification and 15% increased field of view.

Loupes should always be used with correct lighting to obtain optimal benefit. This is particularly important with higher magnifications, to ensure full perception of all available detail in the image. Loupe mounted lighting ensures that the light beam is always correctly directed. As reliance on the overhead light is reduced, adjustment becomes less frequent, which further reduces operator stress.

Modern rechargeable LED lighting units produce the same level of illumination as mains powered fibre optic units with less weight and no fibre optic cable to restrict movement.

More specialized applications are possible with higher powered loupes (4.5x and 5.5x). For the experienced user, these are invaluable for endodontics and restorative procedures combining great accuracy with operator comfort.



Keeler XL Advantage system delivering 3.5x, 4.5x and 5.5x magnification for advanced dental procedures.

The three elements, loupes, correctly adjusted and suitable seating, and lighting are the cornerstones upon which a lifetime of productive and comfortable practice should be built.

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Reference¹: Effect of magnification on locating the MB2 canal in maxillary molars. Buhrlay, L.J., et al. (2002). J. Endod. 28(4): 324-7