Intra Oral Techniques

Techniques for intra oral photographs will be discussed here, including recommended settings.

Best settings and technique for in, not out, of focus images.

Maximum sharpness over the whole image is the aim for clinical images, with close up imaging this is difficult to achieve because of the small ‘depth of field (focus)’ when the lens is close to the subject.

The ability of compact cameras to focus is largely down to the position of the zoom setting see right hand column for guide.

Settings

Compact cameras:

**Macro** setting on camera (not via menus)

Set to 'Aperture Priority' and then to the largest 'f' number (smallest aperture). If your image is too light at this setting, reduce the power output of your flash.

**ISO** set at lowest number (not auto)

**Optical zoom** set between middle and T (telephoto)

**Digital zoom** OFF

Set **focus zones** if available and use autofocus.

Digital SLRs:

**Macro**...you should be using a macro lens so this setting is not necessary on camera

Set to 'Manual' and then set aperture to the largest 'f' number (smallest aperture) and shutter speed to 1/200th second (this is fine for most DSLR’s but if you are experiencing erratic exposures change to 1/150th or as close to this setting as your camera will allow).

If the image is too dark select smaller 'f' number (larger aperture)...if too light select larger 'f' number (smaller aperture). If your image is still too light at the smallest aperture, reduce the power output of your flash.

**ISO** set at lowest number (not auto)

**Focus** Manual focus should be used.. set lens at the magnification you require and focus by moving closer/further from the subject.