cosmetica
medical aesthetic clinic

Dr. Ronald Feiner MBBS DRCOG FFMACCS
Certified Cosmetic Physician

RADIOFREQUENCY ABLATION SKIN LESIONS

This technique uses high frequency radio waves (3.8-4.0) MHz. (By comparison the "am radio" waves that we listen to operate at a frequency of about 0.55 to 1MHz).)

The high frequency radio waves heat the tissue due to the natural resistance of the tissues to radio signals.

Radio-surgery permits tissue to is destroyed by electrical energy which is generated in the target tissue by not in the actual electrode which remains cold. Accordingly it is relatively cold ablation technique. This modality of treatment allows for atraumatic vaporisation of soft tissues such as skin lesions. Scar formation is minimised with the final results very similar to laser ablation of skin lesions. Local anaesthetic is injected, which may sting slightly for a few seconds but then renders the procedure an almost painless experience. The lesion is then excised or vaporised.

Afterwards the area of treatment is dressed with antibiotic ointment and a dressing is sometimes applied. The area will need to have a little antibiotic ointment applied for a few days until healing occurs. You may shower and wash as usual, just avoiding rubbing the treated area. Where a lesion is considered worthy of biopsy for analysis by a histopathologist this is performed. However if the lesion is considered to benign, a biopsy may not be performed.

Side effects are uncommon but can include:

Inflammation (resistant redness); scar formation; depressed scar formation; infection; burns; unusual reactions to local anaesthetic; unusual reactions to antibiotic ointment unsatisfactory appearance.

CARDIAC PACEMAKERS are an absolute contraindication to this treatment.

Suite 31 Shire Central, 15 Terminus Street, Castle Hill NSW 2154
Ph: 02 9894 1180 Fax: 02 9894 1173 Email: info@cosmetica.com.au