

# Product Guide

## Intraoral cameras and magnification

# Magnification and illumination in clinic.



### Interview with Dr Han Choi

#### Professional Memberships:

- Registered Oral & Maxillofacial Surgeon, Dental Council of NZ (DCNZ)
- Associate member of ANZAOMS (Australia & New Zealand Association of Oral & Maxillofacial Surgeons)
- Member of International Association of Oral & Maxillofacial Surgeons
- Member of Australian Society of Implant Dentistry

Dr Han Choi, is a specialist oral & maxillofacial surgeon practicing in Auckland, New Zealand at NSOMS (Oral & Maxillofacial Surgeons). He has been practising in a private practice for 8 years focussing on dentoalveolar and dental implant surgery. Of particular special interest to Dr Choi is bone/soft tissue grafting and full arch implant rehabilitation including zygoma implants.

In addition to his clinical work, Dr Choi lectures and presents extensively, both at national and international conferences, symposiums and meetings. At NSOMS Dr Choi runs interactive learning and training courses for his colleagues in wisdom teeth extractions, basic implantology, bone grafting and implants

#### Q: What are the main benefits of using loupes?

To me the main benefit of using a loupe system is enhanced visualisation. I remember my first few days using loupes to remove wisdom teeth. The incisions I made and flaps I raised were much more precise and clean. I was able to section the tooth with much more control and I could see right into the cuts I made. Removal of any



broken roots, loose pieces of bone or debris have become much easier.

#### Q: Did you purchase loupes as a student or was it later in your career and do you have any suggestions for aspiring / studying dentists?

During the first few years in my career as a specialist, I operated without the loupes. However, as I started performing more delicate procedures, I felt a strong need for a better vision and control.

#### Q: What is important to consider when choosing a pair of loupes as a dentist/ surgeon?

The first loupes I used were on a frame but I found them quite heavy on my neck, especially on days I have to operate all day. I therefore did some research

and purchased a the HEINE loupes on a headband. The headband is very comfortable to wear and I found them much easier on my neck. It comes with a wireless battery for the headlight so I do not have to worry about wires/cables that at times can be quite cumbersome. One battery will allow me to operate for 4 hours straight at its full power.

#### Q: When do you use loupes and what type of work requires a higher magnification.

I currently own two loupes, both on a headband with headlight. The one with 2.5 magnification is useful during full arch implant procedures as it is beneficial to have a wider field of vision. For more detailed procedures such as GBR, block grafting and soft tissue, I use the one with 3.5 magnification as I need to be able to manipulate the tissue with much more precision. It also helps me dramatically when dealing with small sutures such as 6.0 or 7.0.

#### Q: Would you recommend using a headlight with loupes and if so, why?

The HEINE loupes with headlight on headband has changed my practice. They are comfortable to wear, light and definitely makes me a better surgeon. I therefore recommend this to any specialists or dentists who performs oral surgical procedures. **Bite**