

## Reshaping dental surgery with flexible surgical retraction

Sunrise Clinic is a private dentistry facility in Santiago, Chile, that offers a range of services to patients in the area, including general dental medicine, periodontics, orthodontics and oral surgery. The clinic is run by Dr Jaime Lavín Arredondo, a highly skilled maxillofacial surgeon with a wealth of experience spanning more than four decades. He recently introduced the Galaxy II® self-retaining retractor and LUX Connect light attachment within his practice to enhance surgical procedures, improving his ability to access even the most challenging areas within the oral cavity.

### Introducing...

Dr Jaime Lavín Arredondo graduated from the University of Chile with a Bachelor of Dentistry in 1984, and gained the title of dental surgeon the following year. He then completed a postgraduate degree in oral and maxillofacial surgery at the University of Miami School of Medicine in 1990. Jaime has since performed over 65,000 surgical procedures and has established his own, successful private dentistry practice. He said: "I have many years of



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experience working in various dental settings, from maxillofacial emergency facilities to public and private clinics. The surgery that I perform in my own private clinic is mostly carried out under local anaesthetic, which gives me the flexibility to ensure accurate and targeted pain control, enhancing patient comfort and minimising recovery time compared to general anaesthesia."

### Navigating the oral cavity

In addition to ensuring proper pain management, successful oral surgery hinges on excellent visibility to precisely navigate the intricate anatomy of the oral cavity. Jaime is very familiar with the challenges of achieving an unobstructed view of the mouth; often, this small opening is crowded during invasive procedures, and even the dentist's own head can block the primary light source in the operating room. Crucially, optimal surgical outcomes rely on the practitioner's ability to adequately retract the soft tissues of the mouth in order to gain the best possible illumination of the oral cavity. Jaime continued: "I recently started using the Galaxy II self-retaining retractor from JUNE Medical to retract the tongue and cheek of patients during surgical interventions. This allows me to easily access even the most posterior parts of the mouth that can be difficult to reach, such as

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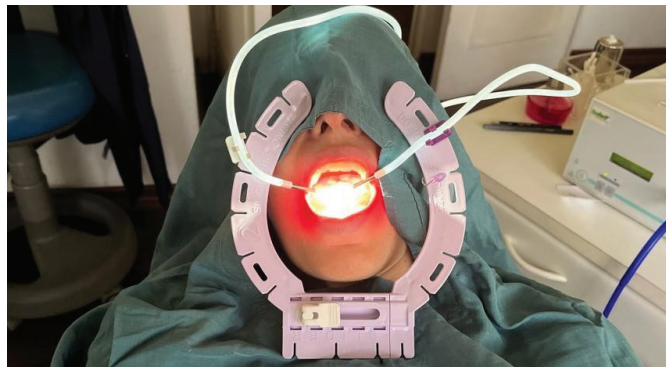
the molars. The retractor is also compatible with the LUX Connect light attachment, a malleable and light weight adaptor lead that allows us to plug our existing light sources into the retractor for enhanced visibility.”

**Redefining reach**

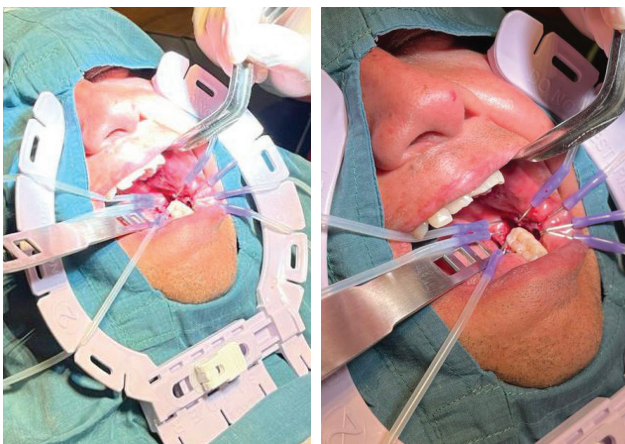
“One significant advantage of the Galaxy II retractor is that it reduces the need for additional assistance during surgery. Unlike traditional methods that may require two dental assistants to manipulate tissues away from the surgical site, the retractor autonomously improves access to the confined space in the mouth. This not only streamlines the process, but also lowers staff requirements, ultimately decreasing the overall surgical costs,” Jaime added. “In addition, compared to conventional retractors – such as Minnesota cheek retractors – the Galaxy II stands out for its simplicity and flexibility, as it contains six or more hooks that can easily be repositioned mid-surgery to suit changing requirements. I have tested the retractor on my private patients and can report that the device is well tolerated, and successfully enhances access to the oral cavity.”

**Illuminating the surgical landscape**

While the Galaxy II retractor is an efficient surgical instrument in its own right, the benefits of linking the retractor with the LUX Connect light attachment are clear. Jaime explained: “The LUX Connect adaptor features an ACMI connection that allows us to seamlessly integrate our existing surgical lights into the retraction system. Lights can be guided to the precise position – at any angle and any depth within the oral cavity – to achieve a clearer view of the mouth. This flexible illumination system eliminates the need for overhead lighting and personal headtorches, which can often result in shadows and reduced visibility.”



**Dr Jaime Lavín Arredondo relies on the Galaxy II self-retaining retractor, combined with the LUX Connect light attachment, to achieve optimal visual access during oral surgery.**



**Exploring future opportunities**

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