

FOR IMMEDIATE RELEASE

NSK Unveils VarioSurg 4: The Next Evolution in Ultrasonic Bone Surgery Systems

Hoffman Estates, IL – May 7th, 2026 – NSK, a global leader in dental technology, is proud to announce the launch of the VarioSurg 4, its most advanced piezoelectric surgical System to date. Designed to meet the rigorous demands of modern implantology and oral surgery, the VarioSurg 4 introduces significant upgrades in power, connectivity, and ergonomic design to provide a minimally invasive surgical experience. Building on the success of its predecessors, the VarioSurg 4 features a super-slim, lightweight handpiece equipped with twin LEDs for superior visibility and accessibility in difficult-to-reach surgical sites. The unit is powered by NSK's advanced ultrasonic technology, which includes a feedback and auto-tuning function that automatically adjusts power levels to maintain high cutting efficiency across varying bone densities.

Key Innovations of the VarioSurg 4 Include:

- **Seamless Integration:** Bluetooth® connectivity allows the VarioSurg 4 to link with the Surgic Pro2 implant motor, enabling clinicians to control both devices using a single, wireless foot control.
- **Enhanced Cutting Power:** An advanced Burst Mode creates a "hammer effect" for more efficient cutting of hard cortical bone, with three adjustable frequency levels to suit specific surgical needs.
- **Intuitive Interface:** A large, backlit LCD screen and touch panel with icon-driven buttons ensure easy, stress-free operation.
- **Versatile Clinical Applications:** With a lineup of over 50 specialized tips, the system is optimized for bone removal, tooth extraction, sinus lifts, and endodontic microsurgery.
- Extra 50% power setting (up to 150%) for H tips providing exceptional cutting power

"The VarioSurg 4 is the culmination of NSK's commitment to craftsmanship and clinical excellence," stated Alfred Hayrapetian, NSK's Director of Product Management. "By integrating wireless technology and refined ergonomics, we are providing surgeons with Piezo surgery equipment that provides extraordinary precision for sensitive treatments such as Sinus Lift, bone harvesting and ridge split".

About NSK

NSK is a world-renowned manufacturer of high-quality dental equipment, specializing in rotary cutting instruments including surgical motors, handpieces, and maintenance systems that empower dental professionals globally.

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