

DCARER NEWS

Today

DCARER Secures NMPA Class III Approval; Delivers World's First Markerless Freehand Navigation System

NINGBO, CHINA — DCARER proudly announces a major regulatory and commercial milestone: its next-generation Freehand Navigation System has been officially granted a Class III Medical Device Registration Certification by the National Medical Products Administration (NMPA). Moving swiftly from clearance to clinical deployment, DCARER has officially delivered the world's very first commercial unit of this system to its long-term strategic partner, Dr. He Gang and his clinical team at Ningbo Sunshine Dental.



This inaugural delivery represents far more than a routine equipment installation; it marks the continuation of a profound clinical partnership and a shared commitment to defining the future of precision digital dentistry. DCARER believes that placing cutting-edge technology into the hands of visionary clinicians is the ultimate catalyst for elevating standard-of-care and maximizing patient outcomes.

A Legacy of Trust: Pioneering Three Generations of Surgical Navigation



The partnership between DCARER and Dr. He Gang's team is built on a proven clinical track record. Since 2019, Dr. He has been an early adopter of DCARER's third-generation navigation systems and subsequently became an expert power-user of the fourth-generation surgical navigation platform.

Over years of close collaboration, DCARER has witnessed how Dr. He seamlessly integrates advanced technological precision with his extensive clinical expertise and implant aesthetics to successfully execute numerous textbook-grade, highly complex implant cases. His profound insights and uncompromising technical standards have consistently driven DCARER's R&D forward. It is this long-standing clinical synergy that made Sunshine Dental and Dr. He Gang the definitive choice for receiving the world's first commercial Freehand Navigation system.

Revolutionary Markerless Technology: A Paradigm Shift in Tracking

The all-new DCARER Freehand Navigation system features revolutionary markerless positioning technology. Utilizing breakthrough image-processing algorithms, the system captures intraoral feature data in real-time, achieving high-precision, continuous intraoperative tracking of the crown morphology. By eliminating the constraints of traditional intraoral reference boards (tracking markers), the system significantly enhances surgical accuracy and streamlines clinical workflows, making it highly effective for over 70% of routine and complex clinical cases.



Shaping the Future: Co-Defining New Clinical Standards

Entrusting this milestone system to Sunshine Dental underscores DCARER's highest recognition of its partner's clinical excellence. In the hands of elite clinicians like Dr. He Gang, this navigation system ceases to be a

mere tool and becomes an empirical platform to push the boundaries of modern implantology.

Looking ahead, DCARER and the Sunshine Dental team will collaborate to:

- **Explore Clinical Potential:** Investigate the advanced capabilities of markerless freehand navigation in high-difficulty, high-precision procedures, including immediate implant placement, fully edentulous arches, and the aesthetic zone.
- **Standardize Workflows:** Establish new clinical protocols, standardized workflows, and digital paradigms for precision implantology.
- **Document Excellence:** Showcase exemplary clinical cases that demonstrate the perfect synergy between pioneering technology and refined clinical artistry.



Mr. Chen Yun, CEO of DCARER, commented on the milestone:

"We extend our deepest gratitude to Dr. He Gang and the Sunshine Dental team for their enduring trust and support. Dr. He is a true pioneer and an exemplary model in the application of surgical navigation. His profound clinical insights have consistently provided invaluable direction for our product optimization. Delivering the world's first Freehand Navigation system to Sunshine Dental is a celebration of our mutual dedication to clinical excellence. We look forward to working side-by-side with Dr. He to elevate the standard of precision implantology both in China and across the global dental community."