

DCARER NEWS

Today

DCARER and OneStop-Dental Partner to Launch the Global Smart Navigation Implantology Clinical Demonstration Center

SHANDONG, CHINA — On the afternoon of October 26, a milestone event driving dental implantology toward a precision-led, digital future took place. The official launch ceremony of the "Smart Navigation Implantology - Global Clinical Demonstration Center" was marked by the simultaneous delivery and clinical deployment of over ten DCARER Freehand Navigation® systems. This milestone signifies that implant dentistry has formally entered a new era of intelligent healthcare characterized by "visualized precision, efficient control, and reliable traceability."



This launch represents far more than the debut of next-generation equipment; it is a collaborative effort to co-build a future-oriented industry ecosystem. On the day of the event, one hundred edentulous patients gathered at the venue to reserve slots for the "flapless surgical zone" experience, eager to experience firsthand the clinical advantages of precision implantology.

Technological Leadership: Redefining Implantology Standards

As a global pioneer in markerless tracking, the DCARER Freehand Navigation® system deeply integrates artificial intelligence with real-time tracking technologies, achieving a paradigm shift from "experience-dependent" surgery to "data-driven" precision.



- **Preoperative AI-Driven Planning:** Utilizing CBCT and intraoral scan data, the system automatically identifies critical anatomical structures to generate customized, patient-specific implant placement plans.
- **Intraoperative Precision Navigation:** Powered by military-grade, real-time dynamic tracking, the system restricts placement deviation to within 0.2mm while maintaining a dynamic monitoring sensitivity of 0.01mm.
- **Flapless Minimally Invasive Procedures:** By eliminating the need for incisions and mucoperiosteal flaps, single-implant placement time is streamlined to just 3–5

minutes, requiring no post-operative suture removal.

During the technical brief, Mr. Gu, Director of the Medical Technology Department at DCARER, noted:

"The sixth-generation freehand implant navigation system is not merely a technological iteration; it serves as a 'precision medical engine' for the implant industry, effectively maximizing clinical efficiency for clinicians while optimizing therapeutic benefits for patients."

Strategic Collaboration: Accelerating Industry Transformation At the launch ceremony, Mr. Chen Yun, Chairman of DCARER, stated:



"Our strategic partnership with OneStop-Dental is driven by their pioneering digital philosophy and comprehensive, full-workflow service capabilities. Co-establishing this demonstration center represents a vital milestone for the clinical deployment of DCARER's technology. It is also a critical step forward in our mission to transition the industry from a reliance on 'individual craftsmanship' toward structured 'academic discipline development'."

Mr. Xu Chongliang, General Manager of Shandong Huaxin Dental Lab, also emphasized in his address that the clinical integration of smart navigation technology will drastically elevate the precision and efficiency of prosthodontic fabrication, successfully achieving a seamless clinical closed-loop of "immediate placement and immediate restoration."

Industry Empowerment: Initiating the "Digital AI Smart Navigation Clinical Residency Program"

To accelerate the mainstream adoption of intelligent implantology, DCARER and OneStop-Dental jointly initiated the "Digital AI Smart Navigation Clinical Residency Program." Open to dental practitioners nationwide, the program utilizes a three-dimensional training model combining "Theory, Hands-on Workshops, and Case Studies" to systematically export smart navigational implant protocols, thereby fostering talent development and technology standardization across the sector. Ms. Xu Meng, Marketing Director of DCARER, and Dr. Zannar Ossi, Implant Specialist at OneStop-Dental, signed the agreement on behalf of both entities, officially commencing this premier educational initiative.



Shaping the Future: Cultivating a Smart Implantology Ecosystem

With the comprehensive clinical integration of smart navigational implant technologies, dental medicine is undergoing a profound industrial transformation. DCARER will continue to deepen its collaboration with forward-thinking institutions like OneStop-Dental to drive the integration of AI and big data with implant dentistry, ultimately building a smarter, safer, and more efficient oral healthcare ecosystem.

Moving forward, DCARER remains dedicated to utilizing pioneering technology as its core engine and strategic collaboration as its bridge to elevate global dental healthcare to unprecedented heights.