

Intelligent medical Acupuncture robotic system

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Acupuncture is the world recognized Chinese medicine therapy and has been applied to more than 183 countries or regions. High cost-effective, small side effects, low requirement to the clinic requirement and applicable to the family, community clinics, hospitals and other kinds of scenes, as policy implementation of the Belt and Road, Chinese acupuncture will become the backbone of the world medical care as well as acupuncture robots based on the traditional theory will inject new vitality for future medical treatment.

Based on traditional meridian, introducing chaos theory and

fractal geometry, generating digital meridian as the theoretical basis of robot automatic point positioning; Research into quantitative relationship between the needle speed and patients' pain, develop features of fast and painless needle inserting in acupuncture robots; Build acupoint-symptom complex networks, provides mathematical model for TCM AI simulation, endow robots dual roles of scientific research and clinic; promote the establishment of quantitative research and international standards of accurate acupuncture, inherit traditional Chinese medicine based on science and technology.

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