

NEWSLETTER

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China leads in AI research publications for global medical device industry

China leads the world in AI research publications for the medical device field, with over 80,000 papers in the past 5 years. This research is driving the industry's shift towards data-driven diagnostics and personalized treatments. Key Chinese innovations focus on areas like nanoparticles for cancer therapy and flexible sensors. These advancements are accelerating the transformation of scientific achievements into practical solutions. (**China Daily**)

China launches new magnetic resonance platform to support BCI technology

The world's first magnetic resonance platform for brain-computer interface (BCI) technology has been launched in Tianjin. This innovative system can perform non-invasive, whole-brain analysis with high spatial-temporal resolution. It precisely captures and locates subtle brain activity while enabling real-time regulation via ultrasound and electrical stimulation. The platform is expected to advance BCI applications in medical fields. (**Xinhua**)

China develops comprehensive pancreatic cancer nanoknife system

China has developed a comprehensive pancreatic cancer treatment system using domestically produced nanoknife technology. This innovation breaks foreign monopolies, reducing treatment costs by about half compared to Western options. The technology uses high-voltage pulses to destroy tumor cells while sparing critical surrounding structures. It offers a potentially curative option for many patients. (**China Daily**)

China's public hospitals report mixed fortunes as financial pressures mount

Public hospitals across several major Chinese provinces and municipalities posted divergent financial results in 2024. According to 2024 financial statements released by health authorities in seven regions including Beijing, Shanghai and Tianjin, 85 out of 144 major public hospitals saw their revenue increase last year. The remaining 59 hospitals, or 41%, reported a drop in income. (**CX Daily**)

HPV (human papillomavirus) vaccines to be included in national immunization program

China has included HPV vaccines in its national immunization program starting November 10, offering free inoculation to girls aged 13 and above. The program will provide two doses of the bivalent HPV vaccine at no cost. This major public health move aims to accelerate the elimination of cervical cancer. The bivalent vaccine was selected for its proven safety, efficacy, and sufficient supply. (**China Daily**)