

# mskalign®: An Efficient, Accurate and Comprehensive Intelligent Spine Management and Treatment Solution

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## Technology

mskalign® is an AI-driven, end-to-end spine management solution integrating an advanced multi-modality solution centre and specialized large generative models. Core components include:

- mskalign® PACS/nursebot,
- mskalign® wukong workbench,
- mskalign® AlignPro Expert Studio, and
- mskalign® intelligent wearable device.

Holding Class I/II NMPA medical device certifications, the solution ensures scalable, intelligent healthcare.

## Key Advantages

**Efficiency:** The clinical efficiency is improved by **99%**.

**Effectiveness:** **92%** of patients show significant treatment outcomes.

**Compliance:** Patient compliance is improved by an average of **85%**.

**Cost-Efficiency:** The total treatment cost is reduced by **60%**.



mskalign

## Stage of Development

- Complete R&D and regulation approval
- Large-scale commercialization is underway

## Opportunities

**Intelligent Capabilities:** Empower quantitative analysis and follow-ups with intelligent technologies and devices.

**Intelligent Services:** Provide online and offline services to help patients cope with anxiety and improve the outcome.

**Intelligent Management:** A highly reliable, secure, and fully functional system for longitudinal management.

## Intellectual Property

**US Patent no.:** US 12,056,874, 18/834,607

**CN Patent no.:** 202080046794.9, 202380019538.4

**HK Patent no.:** 332020019506.5 2020009975.4  
32021034473.7, 62024098418.2, 32024092909.3, 32024090353.6

**PCT Patent no.:** PCT/CN2020/098157, PCT/CN2023/074042,  
PCT/CN2024/100127

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