



Introducing

# AIXA

Osteoporosis, Sarcopenia, and Fractures Screening

## Beyond DXA - Leading AI Screening Solution



Osteoporosis



Sarcopenia



Vertebral Compression Fractures

## Redefining Bone Density & Muscle Health Assessment

AIXA uses advanced imaging analysis to provide accurate bone density and muscle assessments, improving screening efficiency and accessibility. It enables early intervention and mass screening solution

### Covering Wide Range of Scenario

#### Hospitals

Enables mass screening with fast and accurate AI screening for hospitals

#### Clinics

Provides AI screening and offers clinics without DXA an alternative solution to enhance accessibility

#### Long-Term Care Facilities

Identify high-risk populations, reducing fall and fracture risks

#### Mobile X-Ray Units

Expand community screening, corporate health check-ups, and rural healthcare services

#### Health Check-Up Centers

Optimize screening processes with efficient data analysis



Discover What

# AIXA

## Can Screen For You

Offers a comprehensive range of musculoskeletal screening, with more features to come

### Compatible Devices

X-Ray CT

Supports the DICOM standard to ensure stable connectivity with PACS, HIS, and RIS.

### Vertebral Compression Fractures

Quickly and accurately assess the risk of compression fractures by height measurement, enabling early detection and timely intervention

### Osteoporosis

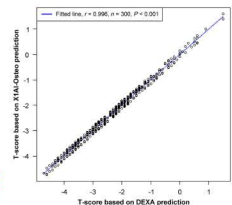
Analyze L1-L4 spine or femur bone density for accurate osteoporosis screening

### High Efficiency

AI-powered analysis generates clinical reports in just **6 Seconds**

### Simple & Precise

In line with evidence-based medicine, DXA-standard bone density **Correlation (R=0.996)**, with **97.2% Sensitivity**, **95.6% Specificity**, and an **AUC of 0.96**



### Sarcopenia

Evaluates muscle mass and muscle-to-fat ratio for rapid sarcopenia assessment

### Comprehensive Reports

Standardized hip, spine, and lower limb X-ray imaging for osteoporosis, sarcopenia, and compression fracture assessments



**Biomedica**  
Simple & Precise

7F., No. 1, Aly. 1, Ln. 235, Baoqiao Rd.,  
Xindian Dist., New Taipei City 231037, Taiwan (R.O.C.)

+886 2 8911 2168  
+886 2 8911 2589

www.biomedica.ai  
sales@biomedica.ai

