



VeriOsteo OP

AI-Assisted Screening Software for
Bone Mineral Density Abnormalities



VeriOsteo OP

BMD Abnormalities
Screening Software



Chest X-ray

AI analysis result
BMD, T-score
No significant abnormality found
Suspected BMD Abnormalities
(T-score ≤ -2.5)

Nearly 90% accuracy

VeriOsteo OP is the first AI-assisted screening software for bone mineral density (BMD) abnormalities approved by Taiwan FDA. By analyzing chest X-ray images, it predicts the BMD, calculates the T-score from the BMD, and automatically outputs a recommendation on BMD abnormalities with nearly 90% accuracy*. This information assists healthcare professionals in assessing the risk of BMD abnormalities, enabling them to make informed decisions regarding referrals. VeriOsteo OP provides a more convenient option for individuals seeking to screen for BMD abnormalities.

*The above accuracy performance is based on the results of a pivotal clinical validation conducted for medical device registration in Taiwan.

The Silent Killer : Osteoporosis

Osteoporosis is a disease that increases the risk of bone fracture due to a decrease in bone mineral density. In its early stages, osteoporosis has few symptoms and usually causes no pain. Osteoporosis is often discovered only after an accidental fracture. Such fractures can significantly affect the quality of life and, in some cases, can even be life-threatening. Early detection and prevention are essential in avoiding osteoporosis.



VeriOsteo OP Key Functions

Batch Analysis

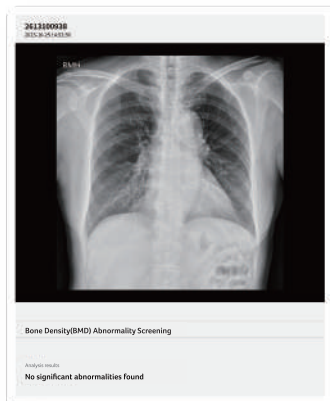
VeriOsteo OP allows users to import multiple chest X-ray images for analysis in a single setting. The analysis results are output in a CSV file for further processing by healthcare institutions.

Personalized Report

VeriOsteo OP offers personalized reports that include chest X-ray images, AI analysis results, BMD, and T-score for each subject analyzed.

Data Management Services

VeriOsteo OP allows users to manage analyzed data by customers with a user-friendly interface and searching and querying features. The system also automatically records AI analyzed results and personalized reports.



If you would like to learn more about VeriOsteo OP, please contact us at contact@acer-medical.com or scan the QR code to visit our site. <https://www.acer-medical.com/>

AI-assisted Screening Software for Bone Mineral Density Abnormalities

**Screening for Bone Mineral Density
Abnormalities using Chest X-ray Images**



Taiwan FDA, Indonesia MOH & Thailand FDA approved.

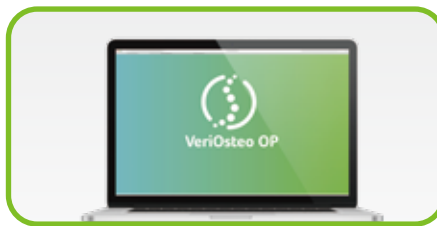
An AI-assisted screening software for bone mineral density abnormalities. By analyzing chest X-ray images, it predicts the BMD, calculates the T-score or Z-score and automatically outputs a recommendation.

Workflow

**Chest X-ray
DICOM Image**



**BMD Abnormalities
Screening Tool**



**AI Analysis
Result**

90%
Accuracy

- Screening result (Normal/Abnormal)
- Bone mineral density (BMD)
- T-score or Z-score

"The accuracy performance is based on the results from the clinical validation submitted for Taiwan FDA approval."

Features



Increased Efficiency

Opportunistic screening uses existing images and outputs results in seconds. Save the time of patient waiting and health professional operating.



Personalized Report

Provides individualized reports for different examinees, including chest X-ray images, bone density values, T-score, and AI analysis results.



Seamless Integration

Smooth integration with Hospital Information Systems (HIS) and Picture Archiving and Communication Systems (PACS), creating an efficient workflow.

AI Report

Patient Information

WHO Education Info

Chest X-Ray Image

Screening Result

Risk Stratification Chart

Bone Density Measurement Chart



Contact Us

More information please contact : contact@acer-medical.com
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