



# Identify more patients at risk of fracture with TBS Osteo

Osteoporosis is a bone disease characterized by low bone density and deterioration of bone microarchitecture. While DXA scans measure bone density (BMD), a key factor in assessing fracture risk, they don't reveal the full picture. **Bone microarchitecture** is a critical determinant of bone strength, helping to identify more patients at risk of fracture.

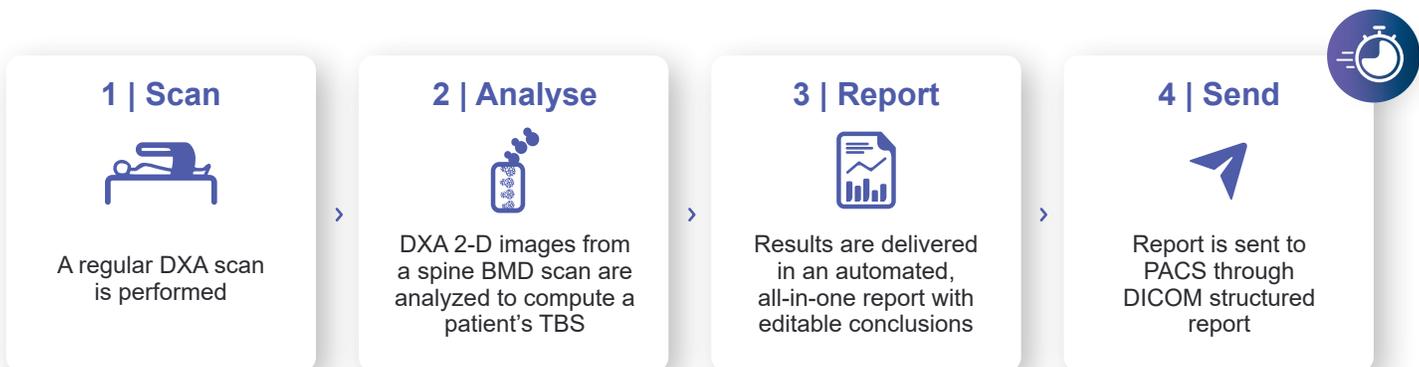
Identify up to  
**30%**  
of patients at risk  
of fracture

TBS Osteo is the only AI-ready software evaluating **bone microarchitecture** during a standard lumbar spine DXA scan thus providing the **missing link to identify more patients at high risk of fracture.**

**Better Together:**  
DXA (bone mineral density) + TBS (bone microarchitecture)

## How TBS Osteo works: bone insights within seconds

Easily installed on a DXA machine, TBS Osteo computes a patient's **Trabecular Bone Score (TBS)** which is a measure of bone texture highly correlated with bone microarchitecture.

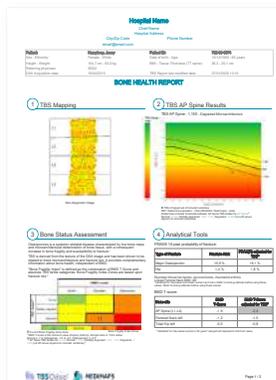


## Empowering clinicians with informed decision-making

TBS Osteo streamlines the process with an **all-in-one automatic report**. It delivers a complete picture of fracture risk to support confident, informed decision-making.

The all-in-one automatic report combines:

- **BMD**
- **Clinical risk factors or FRAX®**
- **TBS score**



## Benefits



### Clinical

- Identify more patients at risk of fracture by combining TBS with BMD and/or FRAX®
- Fine-tune therapy decisions and monitor changes in primary and secondary osteoporosis
- Improve patient management
- Expanded patient range covering a broader spectrum of body size phenotypes\*



### Workflow

- Seamlessly integrated into daily clinical workflow
- Automated and easy-to-interpret report with editable conclusions option
- No additional scan time and no additional radiation for the patient



### Financial

- Increase your institution's value and reputation by attracting more referral physicians and returning patients
- Patient demand for TBS is increasing, contributing to enhanced word-of-mouth referrals
- Reimbursement available in the USA



### Connectivity\*

- State-of-the-art cybersecurity safeguarding hospital's network
- Secured real-time access to TBS reports everywhere
- Compatible with mobile devices and smartphones within the hospital's network
- Ensure the integrity and safety of the hospital network



### Operational\*

- Easy DXA fleet management
- Customizable and harmonized reporting to suit your institution's needs
- Compatible with GE and Hologic DXA models

## TBS dedicated CPT codes

Since 2022, TBS has four new dedicated CPT codes for reimbursement. Current Procedural Terminology (CPT®). Codes available for reporting TBS procedures:

77089

77090

77091

77092

For additional information, visit:

[www.medimaps.ai/trabecular-bone-score-reimbursement/](http://www.medimaps.ai/trabecular-bone-score-reimbursement/)

\*Not all features are available in all countries and DXA models, for more information please contact Medimaps.

TBS used in  
**clinical routine**  
globally

**>4M**

**PROCEDURES**

more than 4 million TBS procedures annually are conducted worldwide

**>30**

**GUIDELINES**

TBS is recommended in national and international guidelines

**>1400**

**PUBLICATIONS**

in peer-reviewed medical journals about TBS

**90**

**COUNTRIES**

in which TBS Osteo is registered and used by the medical community



Scan me to  
**book a demo**  
of TBS Osteo



# MEDIMAPS

We understand bone health

Founded by medical practitioners and clinical researchers, Medimaps combines Swiss innovation with a global presence to lead in bone health management. We provide healthcare professionals worldwide with advanced AI-driven software that enables comprehensive bone microarchitecture assessment.

Our passion for musculoskeletal health is underpinned by scientific knowledge, collaborations with world-class academics, clinicians, industry partners, and direct patient engagement. The science behind our cutting-edge imaging applications and clinical evidence forms the core of our company's DNA.



swiss made software

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