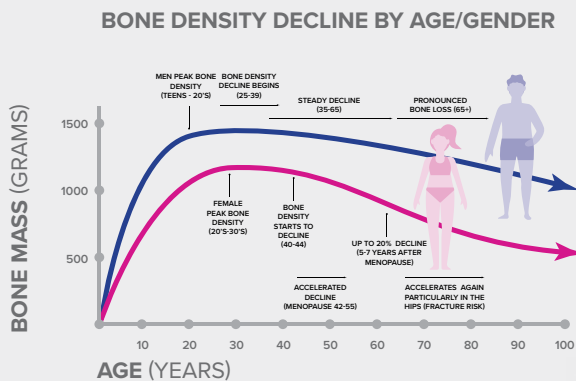# IDENTIFY UP TO 30% MORE PATIENTS AT HIGH RISK OF FRACTURE

Introducing DEXA + TBS (Trabecular Bone Score)— the new standard in bone health screening

1 in 2 women and up to 1 in 4 men will experience an osteoporotic fracture in their lifetime. DEXA + TBS helps minimize that risk by providing a more complete view of a patient's bone health. This new screening uses FDA-approved AI software to analyze the texture of trabecular bone tissue to calculate the Trabecular Bone Score on a standard lumbar spine DEXA scan—revealing structural weaknesses that BMD alone can't see and helping you provide better treatment to your patients.

50% of fractures happen in people who don't meet the **BMD definition of osteoporosis**

BONE DENSITY DECLINE BY AGE/GENDER

Why DEXA + TBS?

- ⊘ Assesses bone density (quantity) and bone structure (quality) to determine true fracture risk
- ⊘ Provides physicians with an all-in-one bone health report combining patient's BMD, TBS, and FRAX score
- ⊘ Requires no additional radiation or exam time for patients
- ⊘ Covered by most insurance plans

How to order DEXA + TBS for your patients

Screening DEXA with TBS (Trabecular Bone Score)
CPT Codes 77080, 77089

Watch this short video from Dr. Sean Raj, SimonMed's Chief Innovation Officer, to learn more:

SimonMed® Imaging

SimonMed.com

SAMPLE DEXA + TBS REPORT

SimonMed® Imaging

Patient:	Patient, Demo	Patient ID:	
Date of birth:	12/15/1950 71 years	Acquisition date:	04/13/2022
Height / Weight:	165.1 cm / 54.4 kg	Prescribing doctor:	Dr House
Gender / Ethnicity:	Female / White		

SPINE TBS REPORT

▼ TBS reference graph

Reference population: USA (NHANES / Medimaps) - White

TBS L1-L4: 1.248

▼ TBS Mapping

TBS Values High

TBS Values Low

Non diagnostic image
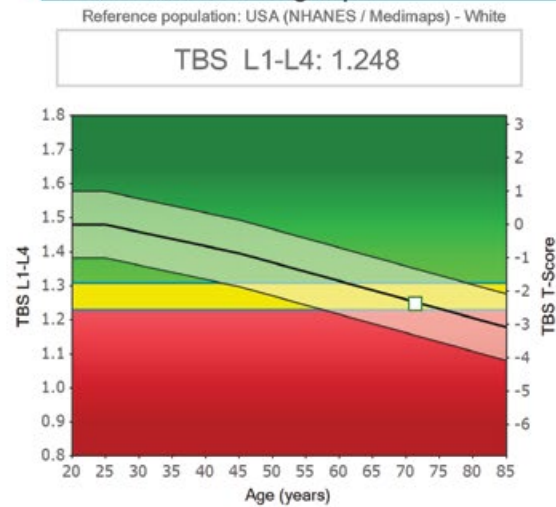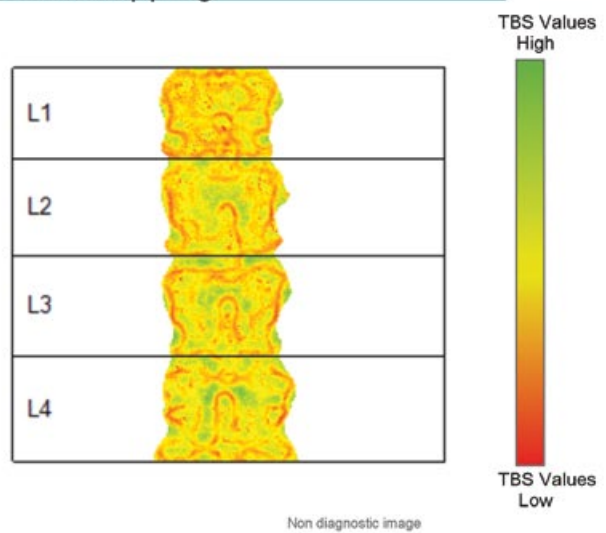
▼ Additional results

Region	TBS	TBS T-Score	TBS Z-Score	BMD	BMD T-Score
L1	1.065	---	---	1.207	0.6
L2	1.256	---	---	1.261	0.5
L3	1.316	---	---	1.284	0.7
L4	1.355	---	---	1.297	0.8
L1-L4	1.248	-2.4	-0.1	1.265	0.7
L1-L3	1.213	-3.0	-0.5	1.252	0.7
L1-L2	1.161	-3.4	-0.9	1.235	0.6
L2-L3	1.286	-2.4	0.1	1.273	0.6
L2-L4	1.309	-1.8	0.5	1.282	0.7
L3-L4	1.336	-1.3	0.8	1.291	0.8

▼ FRAX

The 10 year probability of fracture, adjusted for TBS:
   Major Osteoporotic Fracture: 11.0 %
   Hip Fracture: 1.0 %

FRAX web site: https://www.shef.ac.uk/FRAX/?lang=en

▼ Comments

The TBS is derived from the texture of the DXA image and has been shown to be related to bone microarchitecture and fracture risk.
This data provides information independent of BMD value; it is used as a complement to the data obtained from the DXA analysis and the clinical examination
The TBS score can assist the health care professional in assessment of fracture risk and in monitoring the effect of treatments on patients across time.
Overall fracture risk will depend on many additional factors that should be considered before making diagnostic or therapeutic recommendations. The software does not diagnose disease or recommend treatment regimens. Only the health care professional can make these judgments.
Date of analysis: 04/13/2022 - TBS version : 3.0.3.0 - DXA : GE-Lunar iDXA #1 - DXA file: "PatieD_ftu9ar001.mex"

Before accepting this report, the user is held accountable for ensuring that the DXA examination has been carried out:
- by the osteodensitometer GE-Lunar iDXA (# 1)
- after the latest TBS iNsight calibration, the 9/3/2015 5:25:43 PM.