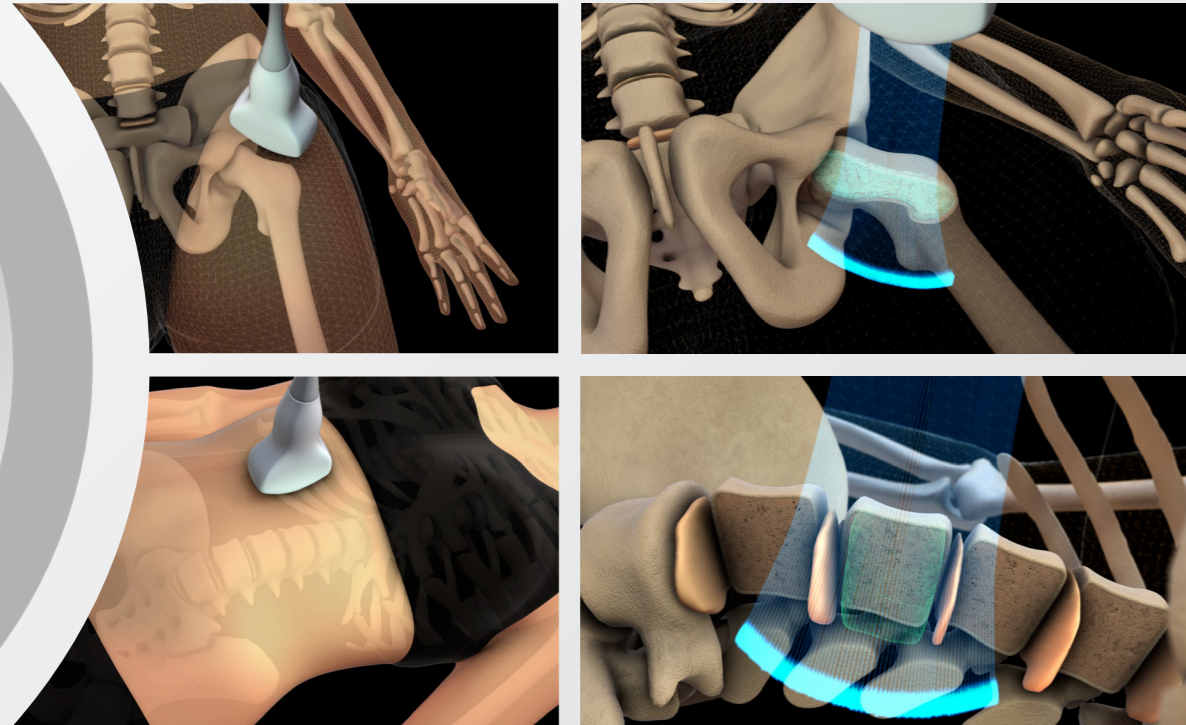




RADIATION-FREE TECHNOLOGY

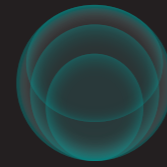
Rapid software-assisted **radiation-free ultrasound** scan - 80" at the spine, 40" at the hip - for **prevention, early diagnosis, bone health monitoring** with immediate medical report.



REMS TECHNOLOGY

RADIOFREQUENCY ECHOGRAPHIC MULTI SPECTROMETRY

Innovative proprietary and worldwide patented **radiation-free** method for the characterization of bone microarchitecture at the level of the lumbar vertebrae and femoral neck.

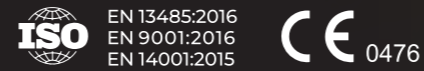


ECHOLIGHT

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Viale Cipro, 6
73100 Lecce | Italy

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1800 West Loop S, STE 1600
Houston, TX 77027 | USA

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echolightmedical.com

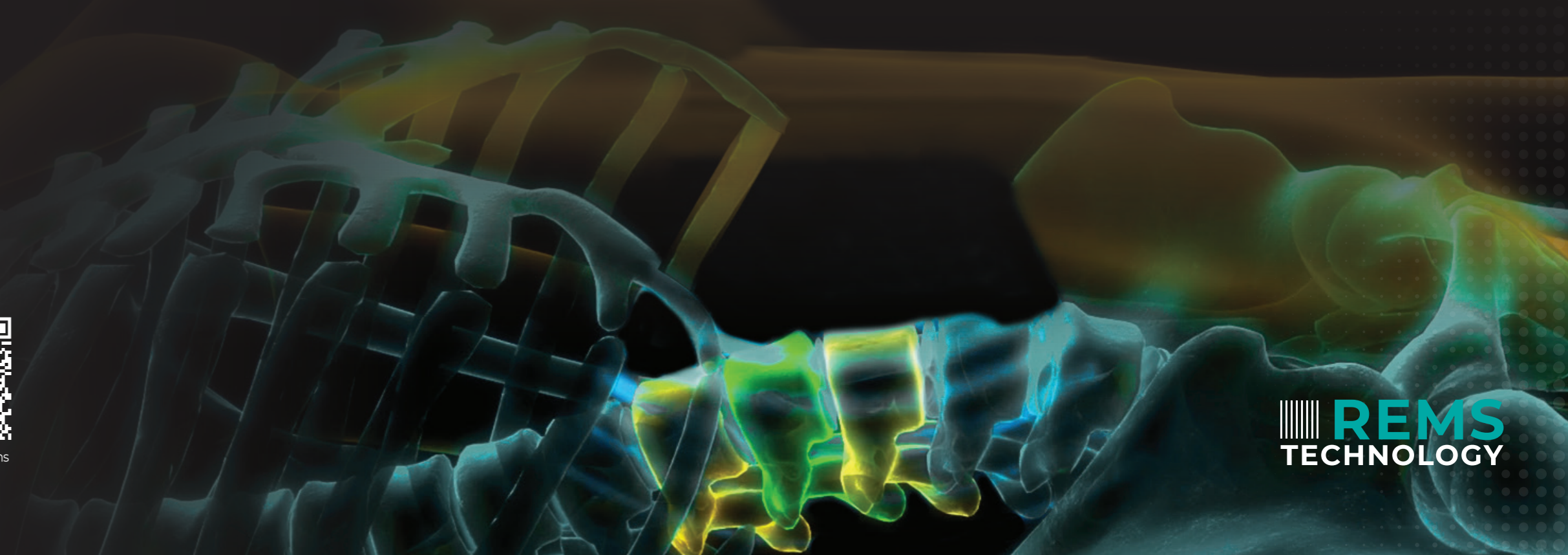


Scientific publications

Rev.2024-08

BONE IDENTITY

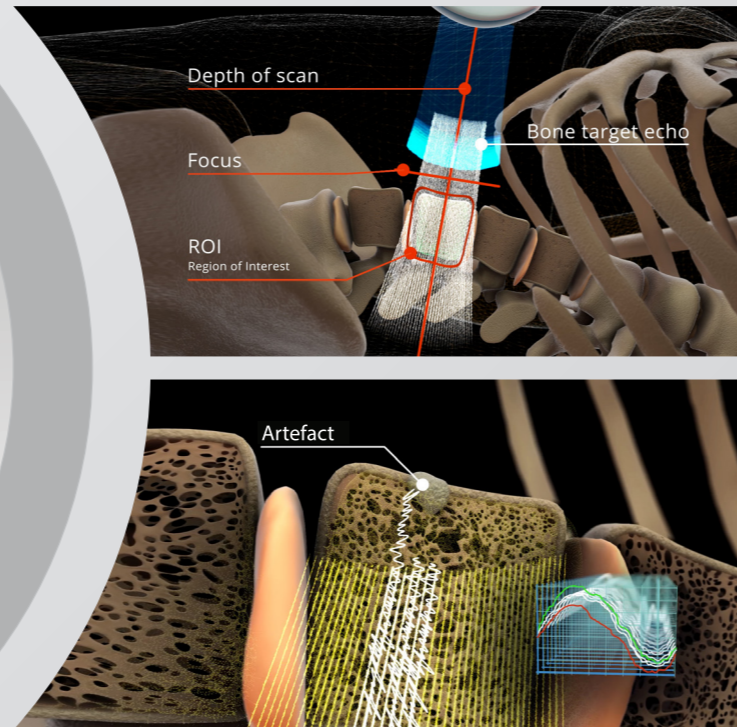
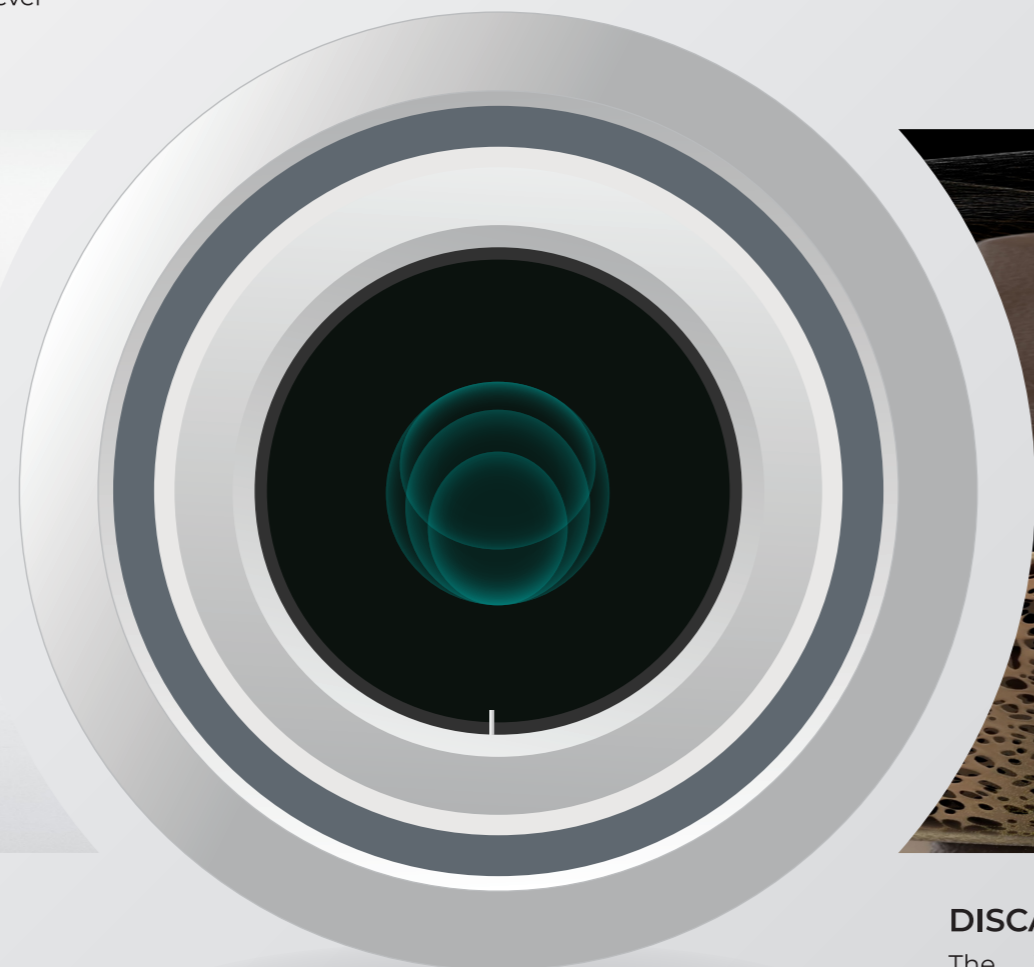
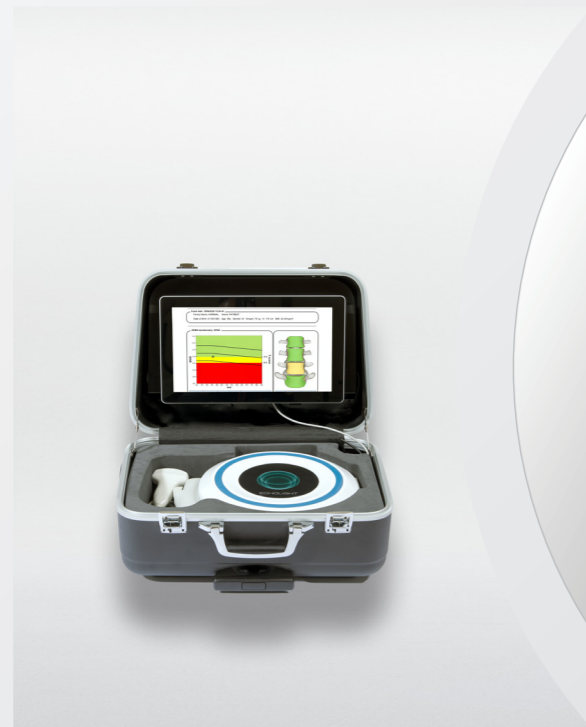
A NEW CONCEPT OF BONE HEALTH



REMS
TECHNOLOGY

PORTABLE SOLUTION

REMS Technology is also implemented in the **portable version** which allows you to reach the patient even at home and carry the diagnosis out wherever you want.

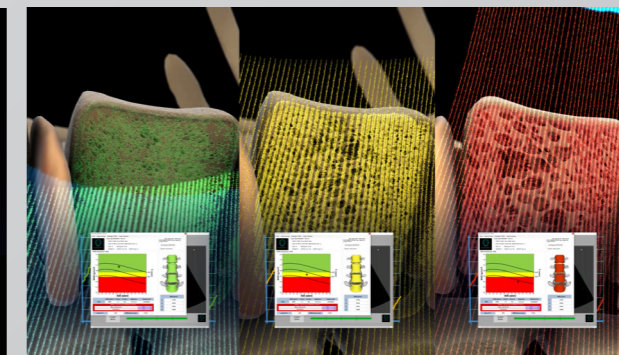
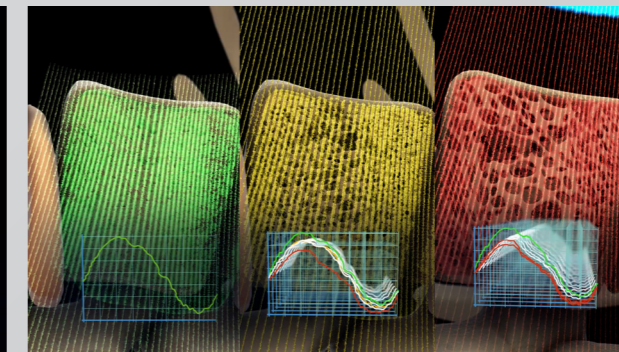
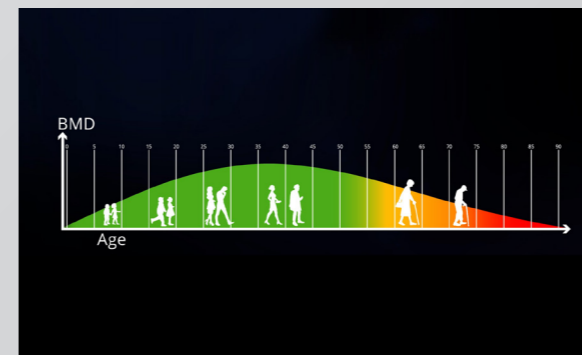
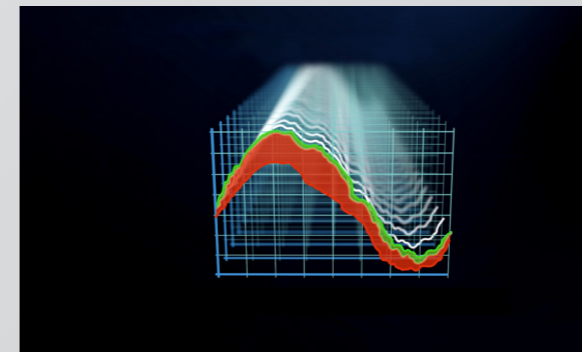


DISCARDING OF ARTEFACTS

The implemented algorithm automatically identifies regions of interest (**ROI**) by **discarding noisy acquisitions and artifacts**, reducing the dependence on the operator experience. The diagnosis is not influenced by the presence of osteoarthritis, scoliosis, calcifications, osteophytes or other pathologies.

CLINICAL VALIDATION

The clinical validation involved more than tens of thousands of subjects through **national and international multicenter studies** in collaboration with the most important bone health assessment centers in the world, coordinated by an internal Scientific Committee made up of the most influential clinical experts worldwide.



A NEW CONCEPT OF BONE HEALTH

Thanks to **REMS**, you will be able to assess bone status at every stage of life or physical condition and make **prevention, early diagnosis** of osteoporosis and **short-term monitoring**.



POINT-OF-CARE SOLUTION

Innovative solution for bone health assessment directly at the patient's care site for prevention, early diagnosis and short-term monitoring.

BONE MINERAL DENSITY

BMD (gr/cm²) | T-Score | Z-Score

BODY COMPOSITION

Assessment of body composition in terms of **Body FAT** and Basal Metabolic Rate and visceral fat.

FRAGILITY SCORE

Evaluation of the quality of the bone microarchitecture and of the **imminent risk of fracture in 5 years**.