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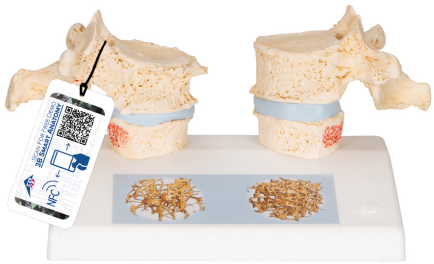
Mobile :	+91 88495 63724	**Email:**	sem@semtrainers.com
Mobile 1:	+91 98791 03905	**Website:**	www.semtrainers.com



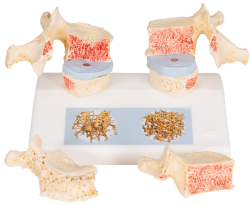
Osteoporosis Didactic Model - 3B Smart Anatomy

Item No.	1000182 [A95]
Weight	0.238 kg
Dimensions	14 x 9 x 10 cm
Brand	3B Scientific

Read More

SKU:

Categories: Vertebra Models



Product Description

New **anatomy app** called 3B Smart Anatomy now included for FREE with Osteoporosis Didactic Model.

Every original 3B Scientific anatomy model now includes these additional **FREE features**:

- Free access to the **anatomy course** 3B Smart Anatomy, hosted inside the award-winning Complete Anatomy app by 3D4Medical
- The 3B Smart Anatomy course includes **23 digital anatomy lectures**, 117 different virtual anatomy models and 39 anatomy quizzes to test your knowledge
- Bonus: **FREE warranty upgrade from 3 to 5 years** with every product registration

TIP: You will also receive access to a **free 3-day trial to all premium features** of the Complete Anatomy app when you sign up for your 3B Smart Anatomy course.

To unlock these benefits, simply scan the label located on your model and register online. All 3B Smart Anatomy features are **completely free of charge** for you. Click here to learn more.

Impressive didactic model for comparing osteoporotic and normal thoracic vertebrae. Ideal for medical studies and patient consultation. The 11th and 12th thoracic vertebrae are shown.

Reproductions of sequential osteoporotic thoracic vertebrae with narrower intervertebral disc are located on the left of the stand. The upper vertebra is divided in the middle. The magnetically attached vertebral half can be removed easily to show the cut surfaces. This allows clear visualization of the fractured upper part of the vertebral body caused by sintering, i.e. collapse of the bony substance in the course and as a result of osteoporosis. Degenerative changes in the bone, manifested as osteophytes, are also identifiable.

For comparison, reproductions of two corresponding healthy vertebrae with intervertebral disc are provided on the right side. One half of the upper vertebral body is magnetically attached and can be removed.

A detail illustration on the base depicts two 3D micro CT images obtained from bone biopsies. These illustrate the microacrchitecture of the osteoporotic bone, which has a lower bone density compared to healthy bone.

3B Smart Anatomy explained in 90 seconds: