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Product Name :

Human Bone Structures Model

Product Code :

SLE/A/58



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Description :

Human Bone Structures Model (Product Code: SLE/A/58) is a plastic model that uses thefemur to show what a living bone looks like both outside and in. It displays the periosteumcovering the surface, the blood vessels that supply the bone, the spongy bone inside, the densecompact bone of the shaft and the Haversian system that organises compact bone at themicroscopic level. Students of histology, physiology, nursing and school biology use it to connectbone anatomy with growth, repair and blood supply. It is manufactured by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, for institutions that need school biology labequipment in India and college-level teaching aids.

Specifications

Parameter	Detail
Type	Bone structure model based on the femur
Material	Plastic
External structures	Periosteum and blood vessels
Internal structures	Spongy bone, compact bone and the Haversian system

Typical Use

Most students first meet bone as a dry skeleton, which hides the fact that bone is living tissue. This model corrects that picture. A teacher can begin with the periosteum and blood vessels on the outside, then move inward to show why the ends of a long bone are filled with spongy bone while the shaft is built of compact bone, and finally explain how the Haversian system carries vessels through the compact layer.

The model is a natural bridge between gross anatomy and histology: after studying it, learners find bone slides under the microscope much easier to interpret. It also supports lessons on fractures and healing, osteoporosis and why bones need a blood supply. Because it is plastic, it can be handled by students in practical sessions and wiped clean afterwards.

Manufacturer

Based in Ambala, Haryana, **Jain Scientific Equipments Private Limited** makes this bone model and sells it under its trading name **ScienceLab** to schools, colleges and universities in India and international markets. Visit our company profile to find out more about the company.

Related Human Models

Combine this model with the following for a full lesson on bone from whole skeleton to tissue:

- Human Femur Bone Model — the whole femur, showing where the illustrated structures sit.
- 3B Bone Microanatomy Model — an alternative focus on bone at the microscopic level.
- Microslide Animal Tissue Set 2 Muscle, Bone, Connective — prepared slides to compare real bone tissue with the model.
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