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Product Name :

Human Skeletal Foot Model

Product Code :

SLE/A/17



Description :

Human Skeletal Foot Model (Product Code: SLE/A/17) reproduces the bony skeleton of theright foot at approximately life size, from the toes through the midfoot to the ankle, and includesthe lower ends of the tibia and fibula where the leg meets the foot. The bones are wired so thejoints can move slightly, letting students see how the foot flexes when walking. Physiotherapy,sports science, nursing and biology departments use it to teach the arches and the ankle joint,and as a practical piece of biology lab equipment in India it is compact enough for bench work.
Jain Scientific Equipments Pvt Ltd (ScienceLab), an anatomical models manufacturer in Ambala, makes it in plastic with a laminated key.

Specifications

Parameter	Detail
Material	Plastic
Scale	Approximately life size
Side	Right foot
Bones represented	Toes, foot and ankle, plus the distal ends of the tibia and fibula
Joints	Wired joints allow some movement
Key	Laminated key included

Typical Use

The foot carries the whole body weight, and this model helps explain how it does so. Teachers point out the tarsal bones of the ankle and heel, the metatarsals that form the long arch, and the phalanges of the toes, then use the tibia and fibula ends to show how the ankle joint locks the foot to the leg. Gently moving the wired joints shows how the foot adapts to uneven ground, a useful starting point for discussing flat feet, footwear and common ankle sprains.

In physiotherapy and sports courses, students hold the model beside their own foot to find bony landmarks before practical examination sessions. School biology classes studying the skeletal system can compare it with the hand skeleton to see how similar bone groups are adapted for grasping in one limb and for weight bearing in the other. Support the model on a flat surface when not in use so the wired joints are not strained.

Manufacturer

This foot skeleton is manufactured by Jain Scientific Equipments Private Limited, an Ambala, Haryana company whose teaching-model and lab-equipment range is sold under the ScienceLab name. Visit the company profile to learn about the business.

Related Laboratory Equipment

Useful additions for studying the lower limb and comparing limbs:

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