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Product Name :

Hip Joint Model

Product Code :

SLE/A/05



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Description :

Hip Joint Model (Product Code: SLE/A/05) is an approximately life-sized plastic model of the human hip used to teach the bones and ligaments of this weight-bearing joint in biology and allied-health courses. Ten bone structures and three ligaments are labelled on a laminated key, and the joint sits on a base, 23 × 13 × 15 cm overall — a compact piece of high school biology lab equipment. It is made by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, an OEM manufacturer, at its own factory in Ambala, India.

Specifications

Parameter	Detail
Material	Plastic
Scale	Approximately life-sized
Size (with base)	23 × 13 × 15 cm
Labelled bone structures	10
Labelled ligaments	3
Key	Laminated key included
Mounting	Mounted on a base
Product code	SLE/A/05
Manufacturer	Jain Scientific Equipments Pvt Ltd (ScienceLab) — OEM
Country of origin	India (made in Ambala, Haryana)

What Is the Hip Joint Model Used For?

The hip is the classic example of a deep ball-and-socket joint, and this model lets students see how the rounded head of the femur sits within the socket of the pelvis. Working from the laminated key, learners identify the ten labelled bone structures and then the three labelled ligaments, and discuss how those strong ligaments make the hip far more stable than the shoulder — at the cost of some range of movement. It is also a helpful reference when talking about why hip fractures in older people usually involve the neck of the femur.

In physiotherapy and orthopaedic nursing teaching, the model supports explanations of hip replacement and post-operative precautions, while school classes use it within the chapter on joints and locomotion as part of a human biology model set. Its compact base makes it easy to store and to include in orders for several labs.

OEM Manufacturer

Jain Scientific Equipments Private Limited manufactures the Hip Joint Model as its OEM (original equipment manufacturer) and sells it under the ScienceLab brand. Production takes place at the company's own licensed factory at Saha, Ambala, Haryana, India.

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