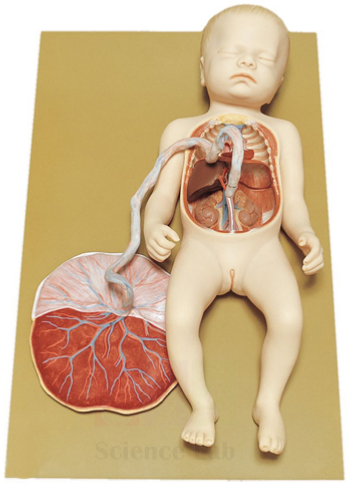
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Product Name :

Human Fetal Circulation Model

Product Code :

SLE/A/83



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Description :

Human Fetal Circulation Model (Product Code: SLE/A/83) is a life-size model of a female fetus before birth, complete with umbilical cord and placenta, in which the thoracic and abdominal cavities are opened to reveal how blood travels in the unborn child. The venous and arterial ducts that bypass the fetal liver and lungs are shown clearly, and the model separates into 2 parts on its base. It supports embryology, obstetrics, midwifery and senior biology teaching, and is made by the anatomical models manufacturer **Jain Scientific Equipments Pvt Ltd (ScienceLab)**,Ambala.

Specifications

Parameter	Detail
Scale	Life size
Subject	Female fetus before birth, with umbilical cord and placenta
Exposed regions	Thoracic and abdominal cavities
Circulatory features	Venous and arterial ducts shown
Separates into	2 parts
Mounting	On base
Size	48 x 30 x 14 cm

Typical Use

Fetal circulation is one of the harder topics for students because the pathways change at birth. With this model an instructor can begin at the placenta, follow oxygenated blood along the umbilical cord into the fetus, and show how the venous duct carries much of it past the liver while the arterial duct diverts blood away from the lungs. Comparing these shunts with adult circulation makes it easier to explain what closes after the first breaths and why some congenital heart conditions occur.

The life-size scale also gives learners a realistic sense of the fetus, cord and placenta together, which is useful in midwifery and nursing skills rooms. Among biology teaching aids for reproduction and development, it fits naturally after an embryo development series, closing the unit with the circulatory picture just before birth.

Manufacturer

This model is made by **Jain Scientific Equipments Private Limited**, an anatomical models manufacturer in Ambala, Haryana that sells under the **ScienceLab** name to schools, colleges and hospitals. Find out more about the company on our company profile.

Related Human Models

Models that complete a unit on pregnancy, development and circulation:

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