

NEW



VG391

Embryonic Development in 12 stages

The model represents the development of the human germ cells from fertilisation until the end of the 2nd month of pregnancy in 12 stages. Each stage can be removed from the common stand as an individual part and can be removed used for teaching and tests for the embryological specialist field.

- Ovum at time of fertilisation (conception) with male gamete (sperm)
- Zygote at 2-cell stage, approx. 30 hours after fertilisation
- Zygote at 4-cell stage, after around 40-50 hours
- Zygote at 8-cell stage, after around 55 hours
- Morula
- Blastocyst after around 4, 5, and 8-9 days
- Germ cells at approx. 11th day and approx. 20th day
- Embryo at around the end of the 1st and 2nd month of pregnancy

65x6x34.5 cm; 1.55 kg

L/E/D/S/F/P/I/J/R/C

VG391

3B Scientific® Pregnancy Series

Our most popular series includes 8 models to show all the stages of development. 12x12x19 cm; 3.2 kg

L/E/D/S/F/P/I/J/R/C www.3bscientific.com

L10



VG390

Embryonic Development, 12 stages

- Ovule shortly after fertilization
- Two cell stage
- Four cell stage
- Seven cell stage
- Morula stage
- Blastocyst with trophoblast and embryoblast
- Blastocyst with early formation of embryo process
- Blastocyst with start of implantation
- Embryo (approx. 12th day)
- Embryo (approx. 20th day)
- Embryo (approx. 28th day)
- Embryo (approx. 2nd month)

The first 8 models are enlarged approx. 4,000 times, the other 4 models are enlarged approx. 4-5 times. The first 8 stages can be removed from the baseboard for closer study. Delivered in storage carton.

12x59x41 cm; 3.35 kg

L/D/E/F/S

VG390



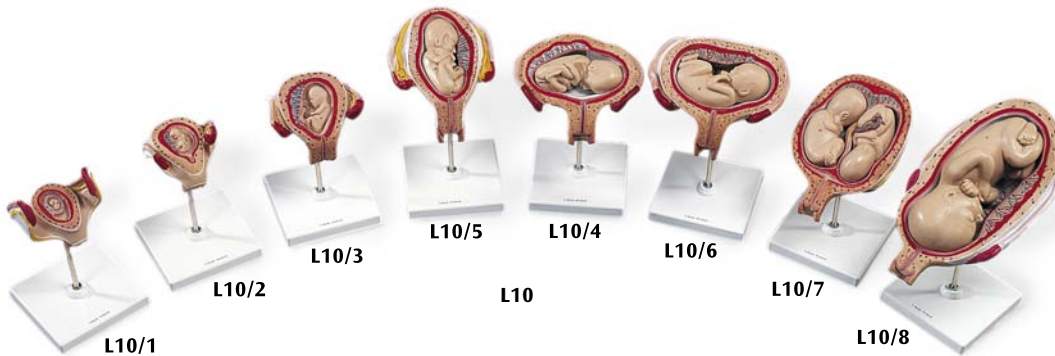
L15

Embryo, 25 times life size

Showing embryo approx. 4 weeks old. 12x12x23 cm; 0.3 kg

L/E/D/S/F/P/I/J/R/C www.3bscientific.com

L15



L10/1

L10/2

L10/3

L10/5

L10/4

L10/6

L10/7

L10/8

1st Month Embryo

0.2 kg

L10/1

2nd Month Embryo

0.3 kg

L10/2

3rd Month Embryo

0.3 kg

L10/3

4th Month Foetus, transverse lie

0.4 kg

L10/4

5th Month Foetus, breech position

0.4 kg

L10/5

5th Month Foetus, transverse lie

0.4 kg

L10/6

5th Month Twin Foetuses, normal position

0.6 kg

L10/7

7th Month Foetus

15x32x27 cm; 0.6 kg

L10/8

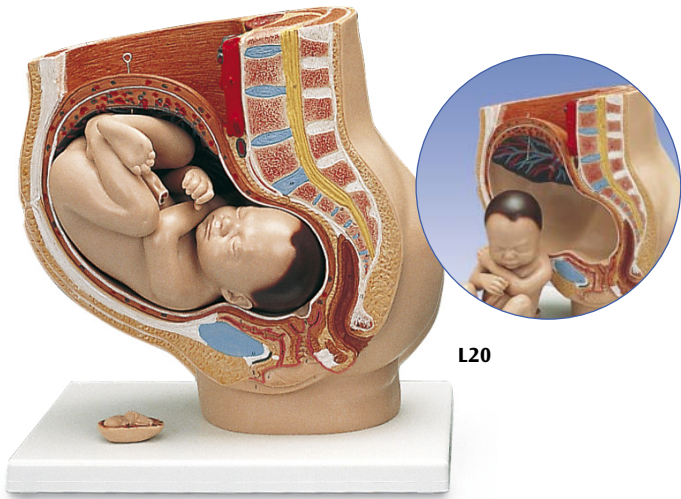
Deluxe 3B Scientific® Pregnancy Series, 9 Models

All models from our L10 plus the Embryo L15.

12x12x19 cm – 15x32x27 cm

L/E/D/S/F/P/I/J/R/C www.3bscientific.com

L11



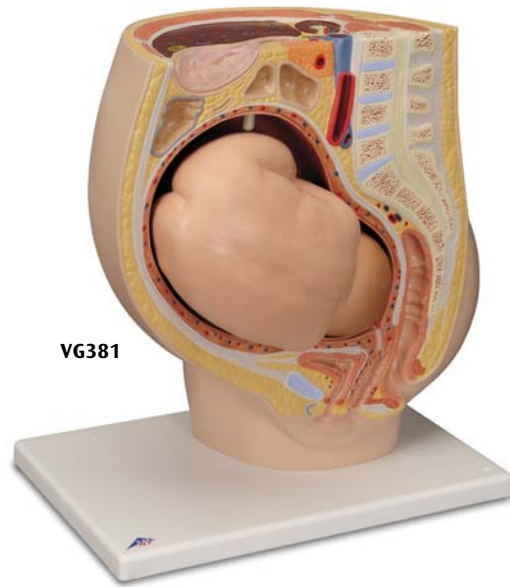
L20

Pregnancy Pelvis, 3-part

Representation of a median section through the female pelvis during the 40th week of pregnancy with a removable foetus. A model to study the normal position of child before birth. An uterus with embryo in 3rd month of pregnancy is mounted on base for added detail.

38x25x40 cm; 3.8 kg
 L/D/E/F

L20



VG381

Pregnancy Pelvis, 2-part

A median section through female pelvis during the 40th week of pregnancy with a removable foetus to study normal position of child before birth. Delivered on base.

44x42x37 cm; 4.4 kg
 L/D/E/F/S

VG381



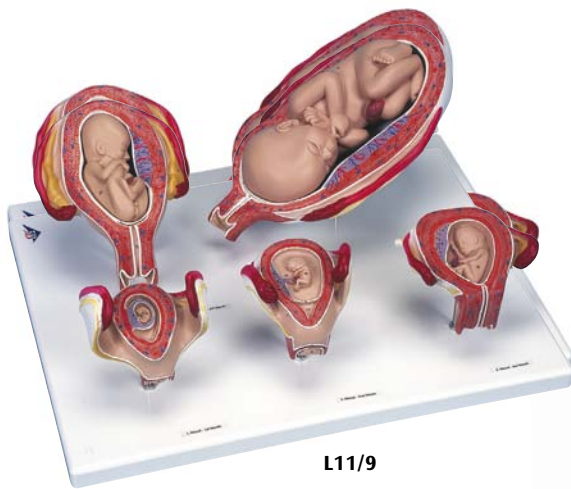
W10604

Placenta

This corrosion cast specimen of a human placenta is embedded in crystal clear plastic. Detailed spatial portrayal of vessel arborization and progression as well as the placental villi is achieved by injecting different coloured plastics into the placental vessels: red in the placental arteries and blue in the placental veins. The specimens vary in shape as each is unique.

21x17x4cm; approx 0.5 kg

W10604



L11/9

3B Scientific® Pregnancy Series, 5 Models

The series consists of L10/1, L10/2, L10/3, L10/5 and L10/8 with embryo or foetus to show the most important stages of development of. All models are mounted together on a base.

13x41x31 cm; 2.1 kg
 L/D/E/F/P/S/J www.3b.com

L11/9



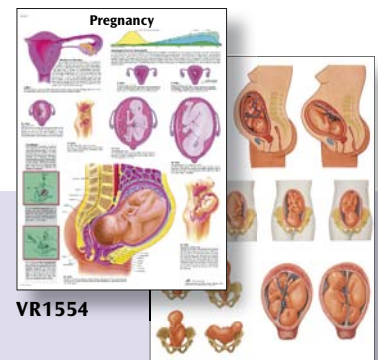
L01

Stages of Fertilisation and Development of the Embryo, 2 times magnified

The model illustrates schematically how the ovum matures, how ovulation and fertilisation occur and how the fertilised ovum develops to the stage where it embeds itself in the uterine wall to begin the growth into an embryo. The various stages are shown in larger-than-life model form in ovary, fallopian tube. An even more enlarged illustration of each is also printed on the base. Supplied on a base.

35x21x20 cm, 1.2 kg
 L/D/E/S/P/I/J www.3b.com

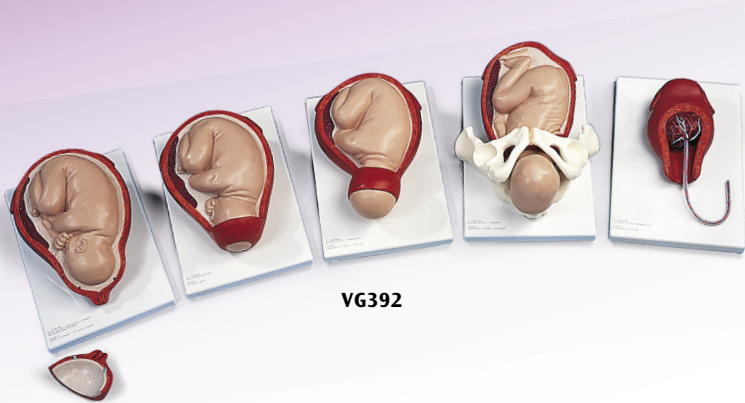
L01



VR1554

V2068

You will find our large selection of Charts starting on page 106



VG392

Birthing Station Simulator – Cervical Examination

The Simulator is designed to facilitate the teaching, demonstration, and practice of cervical examination prior to birth. The complete simulator set consists of six separate pelvic blocks. The external appearance of all six blocks is identical with the variations being in the internal structure. Internal texture, tissue density, and correct anatomical size are all carefully represented to provide the most realistic condition possible. The simulators depict six different cervical conditions prior to birth. Each pelvic block is clearly identified on the bottom to indicate which condition exists internally. The different conditions depicted are:

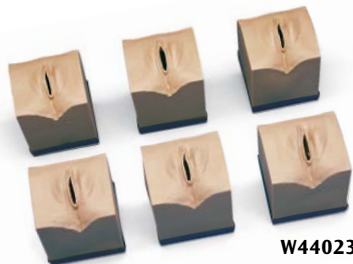
- Stage 1: no dilatation, no effacement
- Stage 2: 2 cm dilatation, 50% effacement
- Stage 3: 2 cm dilatation, full effacement
- Stage 4: 5 cm dilatation, full effacement
- Stage 5: 7 cm dilatation, full effacement
- Stage 6: 9 cm dilatation, full effacement

Delivered with hard wall case.

34.5x18x52 cm; 8.0 kg

E

W44023



W44023

Foetal Monitoring and Labour Progress Model Set

This model set provides realistic simulation of vaginal examinations, labour progress, and insertion of the intrauterine pressure catheter. An excellent tool for teaching nursing, medical, or midwifery students.

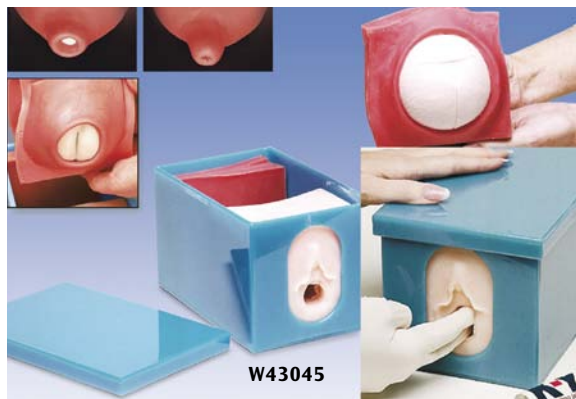
The lifelike, 3-D model includes:

- foetal head
 - foetal buttocks for breech presentation
 - four interchangeable cervical dilatation models (cervix 1: closed cervix; cervix 2: approx. 2cm; cervix 3: approx. 5cm; cervix 4: approx. 8-9cm).
- Comes with lubricant, teaching suggestions, and carrying case.

14x13x21 cm; 4.8 kg

E

W43045



W43045

Birthing Process, 5 stages

5 stages, mounted individually on bases:

- Foetus in womb, cervix closed.
- Foetus in womb, cervix open.
- Foetus in womb, start of head passage
- Foetus in womb and pelvis, finish of head passage
- Placenta in the womb

17x28x46 cm; 8.6 kg

VG392



VG393



Childbirth Simulator

A perfect model to teach and practice diagnostic and therapeutic manipulation before and during the birth. A female pelvis with covered belly cavity, removable vulva and a foetus. Supplied on baseboard.

30x55x55 cm; 5.5 kg

E/D/S/F/I

VG395

Labour Stages Model

Same as VG392, but reduced in size to 50 %. Supplied on baseboard.

40x31x13 cm; 1,4 kg

VG393



VG395



W44007

Birthing Station Simulator

This birthing simulator is especially designed to demonstrate and practice the palpation of the birth canal. It shows the relationship between foetal head and ischial spines of pelvic bone during birth. A simulated foetal head can be locked in three different stations to demonstrate its position above (-2cm), between (0cm) and below (+3cm) the ischial spines. Supplied with storage case.

58.5x46x33 cm; 10.0 kg

E

W44007