ENDOSCOPY IN FETAL MEDICINE
Recommended Sets
Sets for the Treatment of Twin-to-Twin Transfusion Syndrome

**Second trimester – anterior placenta ➔ deflecting mechanism**

- 26008 BUA  **HOPKINS® Forward-Oblique Telescope 30°**, diameter 2 mm, length 26 cm
- 26161 UFK  **Operating Sheath**, straight, with pyramidal obturator, size 11.5 Fr.
- 26161 UH  **Working Insert**, with steering lever

**Second trimester – anterior placenta ➔ curved scope**

- 11508 AAK  **Miniature Straight Forward Telescope 0° Set**, curved, diameter 3.3 mm, length 30 cm, with 30,000 pixels, central working channel 4 Fr., lateral working channel 3 Fr.
Second trimester – posterior placenta → straight sheaths

11506 AAK  **Miniature Straight Forward Telescope 0° Set**, straight, diameter 3.3 mm, length 30 cm, with 30,000 pixels, central working channel 4 Fr., lateral working channel 3 Fr.

or

11630 AA  **Miniature Straight Forward Telescope 0°**, semirigid, outer diameter 2 mm, length 30 cm

11630 KH  **Operating Sheath**, straight, with blunt tip, size 9 Fr., with 2 obturators, with working channel size 1

11630 KF  **Operating Sheath**, straight, with pointed tip, size 9 Fr., with 2 obturators, with working channel size 1
### Embryoscopy

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<td><strong>Miniature Straight Forward Telescope 0°</strong></td>
<td>semirigid, outer diameter 1 mm</td>
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<td>11510 KA</td>
<td><strong>Examination Sheath</strong>, straight</td>
<td>diameter 1.3 mm, with pyramidal obturator</td>
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<td>11510 KE</td>
<td><strong>Operating Sheath</strong>, curved</td>
<td>size 5.6 Fr., with 0.8 mm working channel</td>
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<td>11510 KC</td>
<td><strong>Operating Sheath</strong>, straight</td>
<td>size 5.6 Fr. with 0.8 mm working channel</td>
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<td>11510 L</td>
<td><strong>Puncture Needle</strong>, diameter 0.6 mm</td>
<td>for single use</td>
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<tr>
<td>11510 L</td>
<td><strong>Biopsy Forceps</strong>, semirigid</td>
<td>single action jaws, 3 Fr.</td>
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#### TTTS – 15 to 18 weeks

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<td>semirigid, outer diameter 1 mm</td>
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<tr>
<td>11510 KD</td>
<td><strong>Operating Sheath</strong>, straight</td>
<td>size 6.5 Fr. with 1.1 mm working channel</td>
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<tr>
<td>11510 KE</td>
<td><strong>Operating Sheath</strong>, straight</td>
<td>size 5.6 Fr. with 0.8 mm working channel</td>
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<tr>
<td>11510 KE</td>
<td><strong>Operating Sheath</strong>, curved</td>
<td>size 5.6 Fr. with 0.8 mm working channel</td>
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#### TTTS – 17 to 20 weeks

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<td><strong>Miniature Straight Forward Telescope 0°</strong></td>
<td>semirigid, outer diameter 1.3 mm</td>
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<tr>
<td>11540 KA</td>
<td><strong>Operating Sheath</strong>, straight</td>
<td>size 8 Fr., with 1 mm working channel</td>
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<tr>
<td>11540 KB</td>
<td><strong>Operating Sheath</strong>, curved</td>
<td>size 8 Fr., with 1 mm working channel</td>
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Congenital Diaphragmatic Hernia [CDH]

11508 AAK **Miniature Straight Forward Telescope 0° Set**, curved, diameter 3.3 mm, length 30 cm, with 30,000 pixels, central working channel 4 Fr., lateral working channel 3 Fr.

or

11540 AA **Miniature Straight Forward Telescope 0°**, semirigid, outer diameter 1.3 mm, length 30.6 cm

11540 KEK **Operating Sheath**, curved, with obturator with conical tip, size 3.3 mm

For use with Miniature Straight Forward Telescope 0° 11508 AAK and 11540 AA:

11510 C **Grasping Forceps**, semirigid, double action jaws, 3 Fr., length 35 cm

11506 P **Puncture Needle**, length 50 cm, sterile, for single use, package of 10
Set for Balloon Retrieval in Emergency Cases at Birth

**Neonatal Bronchoscopy Set**

- **10040 AA** Miniature Straight Forward Telescope 0°, semirigid, outer diameter 1.3 mm, length 18.8 cm
- **10338 H** Foreign Body Forceps, flexible, diameter 1 mm, working length 19 cm
- **10338 LCI** Telescope Bridge
- **10315 RV** Blanking Plug
- **10339 F** DOESEL-HUZLY Bronchoscope, size 2.5, outer diameter 4.2 mm, inner diameter 3.5 mm, length 18.5 cm
- **10338 S** Guiding Piece, for suction catheters, short
- **10924 SP** Suction Plug
C-MAC® MILLER #0 for Neonatal Bronchoscopy Set

8403 ZXK  C-MAC® Monitor for CMOS Endoscopes, Set, screen size 7" with 1280 x 800 pixel resolution, two camera inputs, video and image documentation in real time on SD card

8401 DXC  MILLER C-MAC® Video Laryngoscope #0, CMOS technology, size 0

8402 X  Electronic Module, for C-MAC® Monitor 8402 ZX/8403 ZX

Cord Occlusion from 20 weeks onwards

26184 HC  TAKE-APART® Bipolar Coagulation Forceps, with connector pin for bipolar coagulation, width of jaws 1 mm, size 3 mm, length 30 cm

30114 GKL  Trocar, with pyramidal tip, with LUR-Lock connector for insufflation, size 3.5 mm, working length 10 cm

and/or

11540 HLS  Bipolar Optical Grasping Forceps, flat jaws, serrated, size 3 mm, length 24.5 cm

11519 AS  Trocar, with pyramidal tip, drop-shaped profile, with LUR-Lock connector, size 3.6 x 5.4 mm, working length 10 cm

Use of new silicone seals are recommended

11603-X2  Sealing Cap, for use with trocars size 2.5 mm in conjunction with instruments size 2 mm, package of 10, color code: blue

30114-X3  Sealing Cap, for use with trocars size 3.5 mm and extractors/reduction sleeves in conjunction with instruments sizes 3 and 3.5 mm, package of 10, color code: green

Amniotic Band Syndrome

11540 AA  Miniature Straight Forward Telescope 0°, semirigid, outer diameter 1.3 mm, length 30.6 cm

11540 OS  Optical Scissor, single action jaws, size 3.3 mm

30114 GKL  Trocar, with pyramidal tip, with LUR-Lock connector for insufflation, size 3.5 mm, working length 10 cm
**Shunts**

11660

**Shunting Set**

including:

- **Outer Sheath**, diameter 3 mm, length 19.5 mm
- **Obturator**, with pyramidal tip
- **Pusher**

For use only with “KCH Fetal Bladder Drainage Catheter” (R57405; Rocket Medical PLC, United Kingdom)

Fetal Cystoscopy

11510 A  Miniature Straight Forward Telescope 0°, semirigid, outer diameter 1 mm, length 20 cm
11510 KI Operating Sheath, curved, size 5.6 Fr., with 0.8 mm working channel
11510 V Tuohy-Borst Y-Connector, package of 5

or

11540 AA Miniature Straight Forward Telescope 0°, semirigid, outer diameter 1.3 mm, length 30.6 cm
11540 KB Operating Sheath, curved, size 8 Fr., with working channel size 1 mm
11510 V Tuohy-Borst Y-Connector, package of 5

Chorionic Villus Sampling

11650 FC CVS Biopsy Forceps, curved, size 2.2 mm, length 22 cm
11650 FS CVS Biopsy Forceps, straight, size 2.2 mm, length 22 cm
11650 L CVS Biopsy Cannula, with opening to the left, size 2.2 mm, length 22 cm
11650 R CVS Biopsy Cannula, with opening to the right, size 2.2 mm, length 22 cm

Recommended Fiber Optic Light Cables

495 NTA Fiber Optic Light Cable, diameter 2.5 mm, length 230 cm
495 NA Fiber Optic Light Cable, diameter 3.5 mm, length 230 cm
Further Instruments and Scopes

11540 KD  **Puncture Needle**, diameter 0.9 mm, length 35 cm, for single use, package of 6, for use with Operating Sheath 11540 KEK

**Scopes for Mapping**

26120 AA  **HOPKINS® Straight Forward Telescope 0°**, diameter 2.9 mm, length 30 cm
26120 BA  **HOPKINS® Forward-Oblique Telescope 30°**, diameter 2.9 mm, length 30 cm
+ 495 EW  **Light Adaptor**, angled 90°, diameter 4.8 mm, free rotatable

**For use with Sheaths 26161 UK, 26161 UFK and 26161 UH**

26008 AA  **HOPKINS® Straight Forward Telescope 0°**, diameter 2 mm, length 26 cm
26008 FUA  **HOPKINS® Telescope 12°**, diameter 2 mm, length 26 cm

**For use with Miniature Straight Forward Telescope 11630 AA**

11630 KF  **Operating Sheath**, straight, with Obturator 11605 FO, 9 Fr., with working channel size 1 mm
11605 KC  **Examination Sheath**, straight, diameter 2.7 mm, with 1 stopcock

**TAKE-APART® Bipolar Grasping Forceps**

26167 FG  **TAKE-APART® Bipolar Grasping Forceps**, size 2.4 mm, flat jaws, serrated, length 26 cm
   including:
   **TAKE-APART® Bipolar Handle**
   **TAKE-APART® Outer Sheath**
   **TAKE-APART® Working Insert**, package of 5, for single use

11516 CS  **Trocar**, size 2.6 mm, working length 10 cm
   or
30114 FG  **Fetoscopy Trocar**, size 3.2 mm, length 10 cm
It is recommended to check the suitability of the product for the intended procedure prior to use.

**Bipolar Optical Forceps for use with Miniature Straight Forward Telescope 11540 AA**

11540 FG  **Bipolar Optical Grasping Forceps**, flat jaws, serrated, size 2.4 mm, length 24.5 cm

11520 AS  **Trocar**, with pyramidal tip, drop-shaped profile, with LUER-Lock connector, size 3.2 x 4.95 mm, working length 10 cm

or

11540 HLS  **Bipolar Optical Grasping Forceps**, flat jaws, serrated, size 3 mm, length 24.5 cm including:
- **Handle**, with outer sheath
- **Working Insert**, serrated

11519 AS  **Trocar**, with pyramidal tip, drop-shaped profile, with LUER-Lock connector size 3.6 x 5.4 mm, working length 10 cm

**Recommended Accessories**

26022 MA  **Alken Motion Control Device**, for attachment to the working channel, for instruments up to 5 Fr., enables precision introduction and fixation of laser fibers or instruments

27550 A   **Sealing Cap**, diameter 0.8 mm, package of 10

39502 Z   **Wire Tray for Cleaning, Sterilization and Storage of Instruments**, stackable, including hole plate walls and foldaway handles, external dimensions (w x d x h): 480 x 250 x 66 mm, accessories required: 39502 L, 39100 S, 39100 PS, 39360 AS for 11510 A, 11540 AA, 11630 AA

39502 ZL  **Same**, external dimensions (w x d x h): 535 x 250 x 66 mm, accessories required: 39502 LX and 39100 S, 39100 PS, 39360 AS for 11506 AA and 11508 AA

11510 V   **Tuohy-Borst Y-Connector**, package of 5

8285490  **Silicone Cap**, diameter 0.6 mm

27014 Y   **LUER-Adaptor**, with seal