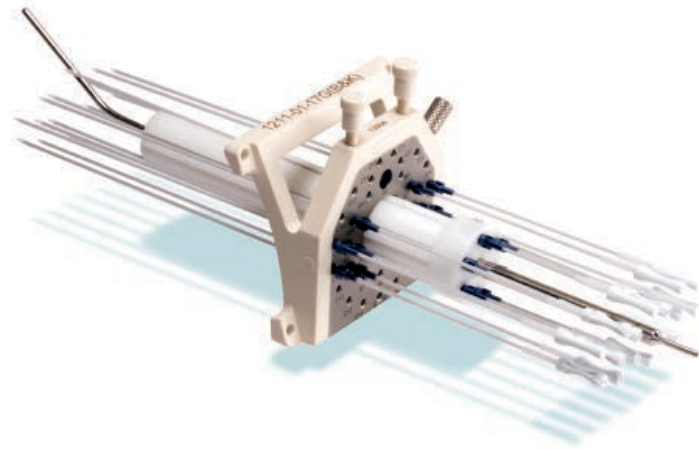


# CT/MR M.A.C. Interstitial GYN Template Sets



Facilitates advanced CT and MR based planning.

Vagina, Cervix, Endometrium

## Simplicity

The detachable template and optional intrauterine tube design enables quick setup and simplifies cleaning. Concentric needle channels allow efficient planning and treatment, and the cervical stop enhances repeatability, while reducing the risk of uterus perforation.

## Flexibility

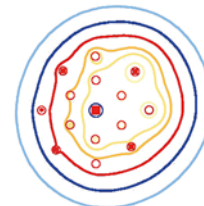
The CT/MR M.A.C. Set features a template design with an optional intrauterine tube, enabling complete or targeted treatment of the vagina, cervix, endometrium and parametrium. The set, named for the Mick-Alektiar-Cohen collaboration, is available with 36 needle channels and a variety of diameters to easily integrate the system into your current practice. 30° and 0° intrauterine tube and needle-only configurations offer an effective treatment of a variety of anatomies and diseases. Concentric needle channels provide targeted unilateral or bilateral parametrial needle placement which are individually fixed into place by locking collets.

## Reliability

The titanium insert construction and collets with PPSU body allow for enhanced stability, while the keyed interfaces ensure consistent alignment of channels and needles.

## Features

- Autoclavable components
- Expected lifetime is 5 years
- MR conditionality allows for 1.5T or 3T
- Enhanced control of needle placement with 36 standard
- Available in channel diameters for 15.5G, 17G, 18G, 1.65 mm and 2.0 mm needles
- Contoured shape to fit patient perineum



Isodose



Obturator needle collets



Template needle collets

# CT/MR M.A.C. Interstitial GYN Template Sets

## KBE-1506-XX, for BEBIG Medical transfer tubes\*

(Item numbers are included for reordering purposes)

CT/MR M.A.C. Intrauterine Tube, straight (Titanium) (KBE-1506-ST)  
CT/MR M.A.C. Intrauterine Tube, medium curve (Titanium) (KBE-1506-MD)  
CT/MR M.A.C. Intrauterine Tube, maximum curve (Titanium) (KBE-1506-MX)  
M.A.C. Interstitial GYN Template (Body) (KBE-1506-01)  
M.A.C. Interstitial GYN Template (Titanium Insert) (KBE-1506-03)  
Vaginal Obturator Lock Knob (KBE-1211-12)  
Mounting Pegs, (2 pcs) (KBE-1205-03)  
Mounting Bracket Lock Knobs, (2 pcs) (KBE-1205-12)  
Titanium Collet Wrench (KBE-1205-02)  
Allen Wrench (Titanium) (KBE-1205-06)  
Cervical Stop (KBE-0508-10)  
Stainless Steel Allen Wrench (KBE-7311)  
Sealing Caps, (10 pcs) (LAZ-17-03)  
Sterilization Box, 381 x 254 x 38 mm\*\* (KBE-96-1522A)

Choose one Vaginal Obturator based on needle size (XX)  
Vaginal Obturator, 17G, D = 2.5 cm, L = 14 cm (KBE-0918-15-17)  
Vaginal Obturator, 1.65 mm, D = 2.5 cm, L = 14 cm (KBE-0918-15-1.65)  
Vaginal Obturator, 2.0 mm, D = 2.5 cm, L = 14 cm (KBE-0918-15-2.0)

Choose one Obturator Needle Collets Set based on needle size (XX)  
Obturator Needle Collets (Titanium), seafoam, 17G, (6 pcs) (KBE-1105-05-EZ-17)  
Obturator Needle Collets (Titanium), bronze, 1.65 mm, (6 pcs) (KBE-1105-05-EZ-1.65)  
Obturator Needle Collets (Titanium), green, 2.0 mm, (6 pcs) (KBE-1211-05-2.0)

Choose one Template Needle Collets Set based on needle size (XX)  
Template Needle Collets (Titanium), seafoam, 17G, (36 pcs) (KBE-1105-01-EZ-17)  
Template Needle Collets (Titanium), bronze, 1.65 mm, (36 pcs) (KBE-1105-01-EZ-1.65)  
Template Needle Collets (Titanium), green, 2.0 mm, (36 pcs) (KBE-1105-01-2.0)

## KBE-1507-XX for any transfer tube\*/\*\*\*

(Item numbers are included for reordering purposes)

M.A.C. Interstitial GYN Template (Body) (KBE-1507-01)  
M.A.C. Interstitial GYN Template (Titanium Insert) (KBE-1507-03)  
Vaginal Obturator Lock Knob (KBE-1211-12)  
Mounting Pegs, (2 pcs) (KBE-1205-03)  
Mounting Bracket Lock Knobs, (2 pcs) (KBE-1205-12)  
Titanium Collet Wrench (KBE-1205-02)  
Allen Wrench (Titanium) (KBE-1205-06)  
Sterilization Box, 381 x 254 x 38 mm\*\* (KBE-96-1522A)

Choose one Vaginal Obturator based on needle size (XX)  
Vaginal Obturator, 15.5G, D = 2.5 cm, L = 14 cm (KBE-0918-15-15.5)  
Vaginal Obturator, 17G, D = 2.5 cm, L = 14 cm (KBE-0918-15-17)  
Vaginal Obturator, 18G, D = 2.5 cm, L = 14 cm (KBE-0918-15-18)  
Vaginal Obturator, 1.65 mm, D = 2.5 cm, L = 14 cm (KBE-0918-15-1.65)  
Vaginal Obturator, 2.0 mm, D = 2.5 cm, L = 14 cm (KBE-0918-15-2.0)

Choose one Obturator Needle Collets Set based on needle size (XX)  
Obturator Needle Collets (Titanium), gray, 15.5G, (6 pcs) (KBE-1211-05-15.5)  
Obturator Needle Collets (Titanium), blue, 17G, (6 pcs) (KBE-1211-05-17)  
Obturator Needle Collets (Titanium), seafoam, 17G, (6 pcs) (KBE-1105-05-EZ-17)  
Obturator Needle Collets (Titanium), gold, 18G, (6 pcs) (KBE-1211-05-18)  
Obturator Needle Collets (Titanium), magenta, 1.65 mm, (6 pcs) (KBE-1211-05-1.65)  
Obturator Needle Collets (Titanium), bronze, 1.65 mm, (6 pcs) (KBE-1105-05-EZ-1.65)  
Obturator Needle Collets (Titanium), green, 2.0 mm, (6 pcs) (KBE-1211-05-2.0)

Choose one Template Needle Collets Set based on needle size (XX)  
Template Needle Collets (Titanium), gray, 15.5G, (36 pcs) (KBE-1105-01-15.5)  
Template Needle Collets (Titanium), blue, 17G, (36 pcs) (KBE-1105-01-17)  
Template Needle Collets (Titanium), seafoam, 17G, (36 pcs) (KBE-1105-01-EZ-17)  
Template Needle Collets (Titanium), gold, 18G, (36 pcs) (KBE-1105-01-18)  
Template Needle Collets (Titanium), magenta, 1.65 mm, (36 pcs) (KBE-1105-01-1.65)  
Template Needle Collets (Titanium), bronze, 1.65 mm, (36 pcs) (KBE-1105-01-EZ-1.65)  
Template Needle Collets (Titanium), green, 2.0 mm, (36 pcs) (KBE-1105-01-2.0)

### Manufacturer:

Mick Radio-Nuclear Instruments, Inc.  
A BEBIG Medical Company  
521 Homestead Avenue  
Mount Vernon, NY 10550  
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Phone 914 667 3999  
Fax 914 665 8834  
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info@klaritymedical.com  
www.klaritymedical.com



# CT/MR M.A.C. Interstitial GYN Template Sets

## Required Items KBE-1506-EZ-17, KBE-1507-EZ-17

Qty.	Item	Part number
1	Disposable Steel Needle Set	KBE-SET0052
20	Transfer Tube, D = 3 mm, L = 1000 mm	KBE-LAF1000

## Required Items KBE-1506-EZ-1.65

Qty.	Item	Part number
1	Plastic Needle Set	KBE-SET0012
20	Easy Click Transfer Tube, D = 3 mm, L = 1000 mm	KBE-LAG1000
1	Transfer Tube, D = 3 mm, L = 1000 mm	KBE-LAF1000

## Required Items KBE-1506-EZ-2.0

Qty.	Item	Part number
20	Plastic Needle, sterile, D = 2.0 mm, L = 250 mm, 15G	KBE-LLA250-K15
5	CT/MR Obturator for 15G Plastic Needle, sterile, L = 250 mm	KBE-LLH04-250B15
20	Easy Click Transfer Tube 6F, D = 3 mm, L = 1000 mm	KBE-LAG1000-6F
1	Transfer Tube, D = 3 mm, L = 1000 mm	KBE-LAF1000

## Required Items KBE-1507-EZ-1.65

Qty.	Item	Part number
1	Plastic Needle Set	KBE-SET0012
20	Easy Click Transfer Tube, D = 3 mm, L = 1000 mm	KBE-LAG1000

## Optional Items

Item	Part number
No-Stich SMIT Sleeves, hard, for < 3.5 mm IU, single use, (10 pcs)	(KBE-05-01)

Basket with lid for cleaning and sterilizing of small parts, 121 x 73 x 36 mm****	(KBE-07-01)
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### Choose Vaginal Obturator based on needle size

Vaginal Obturator, 15.5G, D = 2.5 cm, L = 19 cm	(KBE-0918-19-15.5)
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Vaginal Obturator, 17G, D = 2.5 cm, L = 19 cm	(KBE-0918-19-17)
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Vaginal Obturator, 18G, D = 2.5 cm, L = 19 cm	(KBE-0918-19-18)
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Vaginal Obturator, 1.65 mm, D = 2.5 cm, L = 19 cm	(KBE-0918-19-1.65)
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Vaginal Obturator, 2.0 mm, D = 2.5 cm, L = 19 cm	(KBE-0918-19-2.0)
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### Choose Vaginal Obturator Needle Guide based on needle size

Vaginal Obturator Needle Guide, 15.5G	(KBE-0918-06-15.5)
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Vaginal Obturator Needle Guide, 17G	(KBE-0918-06-17)
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Vaginal Obturator Needle Guide, 18G	(KBE-0918-06-18)
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Vaginal Obturator Needle Guide, 1.65 mm	(KBE-0918-06-1.65)
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Vaginal Obturator Needle Guide, 2.0 mm	(KBE-0918-06-2.0)
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## Manufacturer:

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# CT/MR M.A.C. Interstitial GYN Template Sets

## KBE1211-XX

### for Varian transfer tubes\*//\*\*

(Item numbers are included for reordering purposes)

(KBE-CT/MR M.A.C. Intrauterine Tube, straight (Titanium) (KBE-1211-ST)  
CT/MR M.A.C. Intrauterine Tube, medium curve (Titanium) (KBE-1211-MD)  
CT/MR M.A.C. Intrauterine Tube, maximum curve (Titanium) (KBE-1211-MX)  
M.A.C. Interstitial GYN Template (Body) (KBE-1211-01)  
M.A.C. Interstitial GYN Template (Titanium Insert) (KBE-1211-03)  
Vaginal Obturator Lock Knob (KBE-1211-12)  
Mounting Pegs, (2 pcs) (KBE-1205-03)  
Mounting Bracket Lock Knobs, (2 pcs) (KBE-1205-12)  
Titanium Collet Wrench (KBE-1205-02)  
Allen Wrench (Titanium) (KBE-1205-06)  
Cervical Stop (KBE-0508-10)  
Stainless Steel Allen Wrench (KBE-7311)  
Sterilization Caps, (10 pcs) (KBE-SRC093-12)  
Sterilization Box, 381 x 254 x 38 mm\*\* (KBE-96-1522A)

Choose one Vaginal Obturator based on needle size (XX)

Vaginal Obturator, 15.5G, D = 2.5 cm, L = 14 cm (KBE-0918-15-15.5)  
Vaginal Obturator, 17G, D = 2.5 cm, L = 14 cm (KBE-0918-15-17)  
Vaginal Obturator, 18G, D = 2.5 cm, L = 14 cm (KBE-0918-15-18)  
Vaginal Obturator, 1.65 mm, D = 2.5 cm, L = 14 cm (KBE-0918-15-1.65)  
Vaginal Obturator, 2.0 mm, D = 2.5 cm, L = 14 cm (KBE-0918-15-2.0)

Choose one Obturator Needle Collets Set based on needle size (XX)

Obturator Needle Collets (Titanium), gray, 15.5G, (6 pcs) (KBE-1211-05-15.5)  
Obturator Needle Collets (Titanium), blue, 17G, (6 pcs) (KBE-1211-05-17)  
Obturator Needle Collets (Titanium), gold, 18G, (6 pcs) (KBE-1211-05-18)  
Obturator Needle Collets (Titanium), magenta, 1.65 mm, (6 pcs) (KBE-1211-05-1.65)  
Obturator Needle Collets (Titanium), green, 2.0 mm, (6 pcs) (KBE-1211-05-2.0)

Choose one Template Needle Collets Set (36 pcs) based on needle size (XX)

Template Needle Collets (Titanium), gray, 15.5G, (6 pcs) (KBE-1105-01-15.5)  
Template Needle Collets (Titanium), blue, 17G, (6 pcs) (KBE-1105-01-17)  
Template Needle Collets (Titanium), gold, 18G, (6 pcs) (KBE-1105-01-18)  
Template Needle Collets (Titanium), magenta, 1.65 mm, (6 pcs) (KBE-1105-01-1.65)  
Template Needle Collets (Titanium), green, 2.0 mm, (6 pcs) (KBE-1105-01-2.0)

### Required Items

Disposable Needles, Obturators for Needles, and Transfer Tubes. Please reach out to your Varian distributor for purchase and more information.

## KBE-1505-XX

### for Elekta/Nucletron transfer tubes\*//\*\*

(Item numbers are included for reordering purposes)

CT/MR M.A.C. Intrauterine Tube, straight (Titanium) (KBE-1505-ST)  
CT/MR M.A.C. Intrauterine Tube, medium curve (Titanium) (KBE-1505-MD)  
CT/MR M.A.C. Intrauterine Tube, maximum curve (Titanium) (KBE-1505-MX)  
M.A.C. Interstitial GYN Template (Body) (KBE-1505-01)  
M.A.C. Interstitial GYN Template (Titanium Insert) (KBE-1505-03)  
Vaginal Obturator Lock Knob (KBE-1211-12)  
Mounting Pegs, (2 pcs) (KBE-1205-03)  
Mounting Bracket Lock Knobs, (2 pcs) (KBE-1205-12)  
Titanium Collet Wrench (KBE-1205-02)  
Allen Wrench (Titanium) (KBE-1205-06)  
Cervical Stop (KBE-0508-10)  
Stainless Steel Allen Wrench (KBE-7311)  
Sterilization Caps, (10 pcs) (KBE-SRC093-12)  
Sterilization Box, 381 x 254 x 38 mm\*\* (KBE-96-1522A)

Choose one Vaginal Obturator based on needle size (XX)

Vaginal Obturator, 15.5G D = 2.5 cm, L = 14 cm (KBE-0918-15-15.5)  
Vaginal Obturator, 17G D = 2.5 cm, L = 14 cm (KBE-0918-15-17)  
Vaginal Obturator, 18G D = 2.5 cm, L = 14 cm (KBE-0918-15-18)  
Vaginal Obturator, 1.65 mm D = 2.5 cm, L = 14 cm (KBE-0918-15-1.65)  
Vaginal Obturator, 2.0 mm D = 2.5 cm, L = 14 cm (KBE-0918-15-2.0)

Choose one Obturator Needle Collets Set based on needle size (XX)

Obturator Needle Collets (Titanium), gray, 15.5G, (6 pcs) (KBE-1211-05-15.5)  
Obturator Needle Collets (Titanium), blue, 17G, (6 pcs) (KBE-1211-05-17)  
Obturator Needle Collets (Titanium), gold, 18G, (6 pcs) (KBE-1211-05-18)  
Obturator Needle Collets (Titanium), magenta, 1.65 mm, (6 pcs) (KBE-1211-05-1.65)  
Obturator Needle Collets (Titanium), green, 2.0 mm, (6 pcs) (KBE-1211-05-2.0)

Choose one Template Needle Collets Set (36 pcs) based on needle size (XX)

Template Needle Collets (Titanium), gray, 15.5G, (6 pcs) (KBE-1105-01-15.5)  
Template Needle Collets (Titanium), blue, 17G, (6 pcs) (KBE-1105-01-17)  
Template Needle Collets (Titanium), gold, 18G, (6 pcs) (KBE-1105-01-18)  
Template Needle Collets (Titanium), magenta, 1.65 mm, (6 pcs) (KBE-1105-01-1.65)  
Template Needle Collets (Titanium), green, 2.0 mm, (6 pcs) (KBE-1105-01-2.0)

### Required Items

Disposable Needles, Obturators for Needles, and Transfer Tubes. Please reach out to your Elekta/Nucletron distributor for purchase and more information.

\* The CT/MR M.A.C. Interstitial GYN Template has been tested for compatibility with the following accessories based on stated nominal dimensions.

Users should validate that their particular needle is compatible with the template and collet prior to use:

- Plastic & metal needles of the indicated diameter including: 15.5G, 17G, 18G, 1.65 mm (16G) and 2.0 mm

\*\* Manufactured by PST Plastic Sterilizing Trays Corporation

\*\*\* The intrauterine tubes have been tested for mechanical compatibility with the indicated manufacturer's transfer tubes to confirm there are no internal source obstructions.

Users are responsible for validating intrauterine tube compatibility, including treatment planning systems, with their afterloading equipment.

Varian is a trade name/trademark of Varian Medical Systems, Inc. Elekta/Nucletron are trade names/trademarks of Elekta AB (publ).

\*\*\*\* Manufactured by Kögel GmbH

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The mentioned products are not available in all markets. Please contact your local BEBIG Medical representative for more information.

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