



## SMB Corporation of India

**Unit I :** Prem Industrial Estate, Subhash Road, Jogeshwari (E), Mumbai - 400 060. INDIA.

Off: +91 22 28345637 / 28241641 / 28246922 | Fax: +91 22 28215157

**Unit II :** Plot No.156, GIDC, Umbergaon 396170, Gujarat. INDIA.

Web: [www.smbcorp.in](http://www.smbcorp.in) | [sales@smbcorp.in](mailto:sales@smbcorp.in)

Doc. ID: SMB/QA/Cat/IUD/Eng  
Cat. Rev No. 00, dt - 15.01.2024



I Choose ...

SMB®





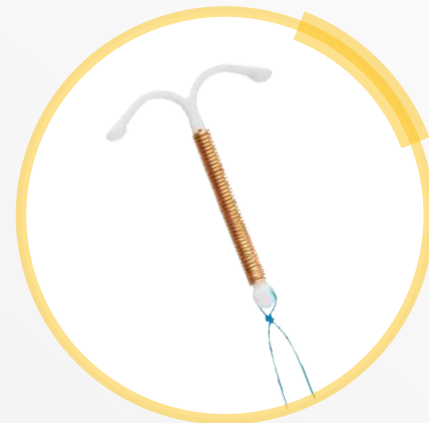
## SMB SILVEE TCu 380Ag Normal/Mini/Maxi **PATENTED**

Intrauterine Device - Long acting Contraceptive for 5 years

### For Nulliparous Woman



*I am so happy  
be free from pills  
and injectables*



**TCu380Ag Mini**

**PATENTED**



A five year Clinical Study has been published  
in the International Journal of Gynaecology  
& Obstetrics (FIGO), United Kingdom

Scan to Learn more



CE  
2460

intertek



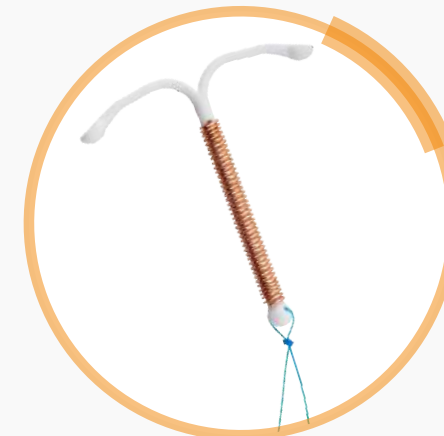
Intertek

**MDSAP**  
MEDICAL DEVICE SINGLE AUDIT PROGRAM

### For Primiparous Woman



*My superb choice  
for spacing with least  
menstrual disturbance*



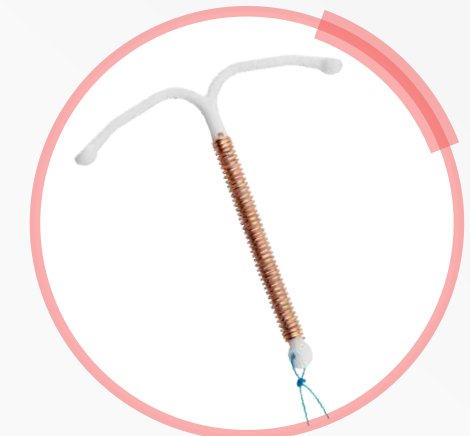
**TCu380Ag Normal**

**PATENTED**

### For Multiparous Woman



*I too have  
a great option  
for Spacing*



**TCu380Ag Maxi**

**PATENTED**

Approved by **Health Canada** under license no. **97877**  
**ISO 13485:2016, ISO 14001:2015** and **CE** Certified by European  
Union Notified Body, DNV GL PRESAFE AS NORWAY  
SMB's manufacturing facility is Certified by **ANVISA**, Government of Brazil



Keeps me **TENSION-FREE...**



**Mini**

**Normal**

**Maxi**

#### ADVANTAGES :

Proven, Safe, Reversible Contraception | Easy to load | Long Intrauterine life | Hormone/Steroid free | Highly convenient | Immediately effective, can be used as emergency contraceptive | Daily attention not required | Safe contraceptive for breast feeding women | No touch technique for insertion | Can be used by women who cannot use Steroid Contraceptives | Safe for all women of child bearing age | Safe for use after abortion or miscarriage.

#### FEATURES

The Silver Core delays the fragmentation of the wire and prolongs the life span of the device and reinforces the safety of the contraceptive effect.

The flexible arms offer a perfect fundal placement.

It is extremely gentle during insertion and removal process.

Offers long term protection upto 5 years.

**SMB SILVEE TCu 380Ag**

**Normal/Mini/Maxi** **PATENTED**

**Intrauterine Device - Long acting Contraceptive for 5 years**

This IUD is available in three sizes/model named  
• **Mini** • **Normal** • **Maxi**

Additional accessories like Hysterometer / Probe is provided on specific Customer request.

Size/ Model	Product code	Vertical Arm Length	Horizontal Arm Length (Width)	Cu + Ag Content	Weight of Wire	Approx sound measuring range
<b>Mini</b>	GI 24	30.5 mm	24.0 mm	Cu = 89.64% + Ag =10.35%	340 mg	6.0 - 7.5 cm
<b>Normal</b>	GN 31	33.0 mm	31.0 mm	Cu = 89.64% + Ag =10.35%	350 mg	7.0 - 8.5 cm
<b>Maxi</b>	GM 36	38.0 mm	36.5mm	Cu = 89.64% + Ag =10.35%	370 mg	8.0 - 9.0 cm

Note: The above information is indicative only.

The final decision for which model is to be used for patient is to be made by the Gynaecologist / Physician

Each Y shaped SMB TCu 380 Ag frame is made from compound of Low Density Polyethylene and Barium Sulphate wound with 0.4 0mm diameter copper wire with silver core of 0.1mm providing a surface area of  $380 \text{ mm}^2 \pm 23 \text{ mm}^2$ .

The Y frame is equipped with Polyamide Monofilament thread (suture) for easy removal. It is packed together with an Insertion Tube and Rod in a Tyvek -Mylar film pouch or Continuous Polymer 11Film Pouch.

The Insertion Tube is equipped with a movable flange to aid in gauging the depth to which the Insertion Tube should be inserted through the cervical canal and into the uterine cavity.

Centimeter Scale printed in blue is provided on the Insertion Tube on special customer request for exact positioning of the flange on the Insertion Tube before Insertion.

**SMB TCu 380 Ag contains a Silver core in Copper wire making up approximately one third of the total diameter.**

It is 99% effective Intrauterine Contraceptive Device and does not affect Female hormonal system.

CE  
2460

intertek



Intertek

MDSAP  
MEDICAL DEVICE SUPPLY INSURANCE PROGRAM

**SMB TCu 380Ag is the First Cu –Ag IUD in India to have successfully undergone Phase III multicentric clinical trials.**

# Results published in International Journal of Gynaecology and Obstetrics, UK

"Study says TCu380Ag was associated with higher levels of continuation and acceptance due to reduced adverse effects."

Approved by **Health Canada** under license no. **97877**  
**ISO 13485:2016, ISO 14001:2015** and **CE** Certified by European  
Union Notified Body, DNV GL PRESAFE AS NORWAY

**SMB's manufacturing facility is Certified by ANVISA, Government of Brazil**



**With Sutures  
now available  
in 2 colours -  
Blue and Green**



Keeps me **CONFIDENT**...



ADVANTAGES :

Proven, Safe, Reversible Contraception | Easy to load | Long Intrauterine life | Hormone/Steroid free | Highly convenient | Immediately effective, can be used as emergency contraceptive | Daily attention not required | Safe contraceptive for breast feeding women | No touch technique for insertion | Can be used by women who cannot use Steroid Contraceptives | Safe for all women of child bearing age | Safe for use after abortion or miscarriage.

The SMB Tcu 380A IUD has under gone clinical studies in Vietnam for 60 months and was confirmed to be a safe and effective contraceptive.

SMB TCU 380A has also under gone clinical trials with :

- a. LNG IUS and Oral Contraceptive in Turkey (Comparative study) - demonstrated higher protection against accidental pregnancy and lower complications level.
- b. Injectable progestin in South Africa (Comparative study) - demonstrated TCU 380A more effective in preventing pregnancy than injectable progestin.
- c. Effect on serum cancer antigen 125 level in Turkey (TCu 380A IUDs were seen to lower the antigen levels)

Approved by **Health Canada** under license no. **95711**  
**ISO 13485:2016, ISO 14001:2015** and **CE** Certified by European  
Union Notified Body, DNV GL PRESAFE AS NORWAY  
SMB's manufacturing facility is Certified by **ANVISA**, Government of Brazil



Intertek



# SMB Sterile TCU 380A

## Intrauterine Device - Long lasting Contraceptive for 10 years

Additional accessories like Hysterometer / Probe and Loading / Folding devices are provided on specific Customer request.

Product code	Horizontal Arm Length in mm	Vertical Stem Length in mm	Purity of Copper as Cu	Nominal active Surface Area of Copper	Approx sound measuring range
N 32	32	36	99.99%	380 mm <sup>2</sup>	6 - 9 cm

Each SMB Sterile Copper T 380A T frame is made from compound of Low Density Polyethylene and Barium Sulphate (15% - 24%) wound with 176 ± 11 mg of 0.25 mm diameter copper wire, and two copper sleeves on horizontal arm providing a surface area of 380 mm<sup>2</sup> ± 23 mm<sup>2</sup>.  
The 'T' is equipped with high-density polyethylene filament for easy removal.  
It is packed together with an Insertion Tube and Solid Rod in a Tyvek-Mylar film pouch or Continuous Polymer 11Film Pouch.

The Insertion Tube is equipped with a movable flange to aid in gauging the depth to which the Insertion Tube should be inserted through the cervical canal and into the uterine cavity.  
Centimeter Scale printed in blue is provided on the Insertion Tube for exact positioning of the flange on the Insertion Tube before Insertion.

SMB Corporation has a new form of winding system for Copper T 380A.  
This double copper winding system has a advantage over the single winding system.  
The double winding form rules out the possibility of protrusion and this system does not allow overlapping of wire.

It is 99% effective Intrauterine Contraceptive Device and does not affect Female hormonal system.



**ADVANTAGES OF DOUBLE COPPER WINDING**

Winding is difficult to unwind

Smooth and uniform winding over the stem

No protrusion or loose end near the stem hole

Uniform wire tension throughout the winding length makes it more elegant



Keeps me **FREE...**



**Mini**

**Normal**

**Maxi**

#### ADVANTAGES :

Proven, Safe, Reversible Contraception | Easy to load | Long Intrauterine life | Hormone/Steroid free | Highly convenient | Immediately effective, can be used as emergency contraceptive | Daily attention not required | Safe contraceptive for breast feeding women | No touch technique for insertion | Can be used by women who cannot use Steroid Contraceptives | Safe for all women of child bearing age | Safe for use after abortion or miscarriage.

CE  
2460

intertek



Intertek

MDSAP  
MEDICAL DEVICE SINGLE AUDIT PROGRAM

ISO 13485:2016, ISO 14001:2015 and CE Certified by European Union Notified Body, DNV GL PRESAFE AS NORWAY  
SMB's manufacturing facility is Certified by ANVISA, Government of Brazil

## SMB TCu 380 Plus

**Normal/Mini/Maxi** **PATENT PENDING**  
Intrauterine Device - Long acting Contraceptive for 5 years

Available in three sizes/model named  
• Mini • Normal • Maxi

Additional accessories like Hysterometer / Probe is provided on specific Customer request.

Size/Model	Product code	Length in mm	Width in mm	Purity of Copper as Cu	Nominal active Surface Area of Copper	Approx sound measuring range
Mini	PI 24	30.5	24	99.99%	380 mm <sup>2</sup>	6-7.5 cm
Normal	PN 31	33	31	99.99%	380 mm <sup>2</sup>	7-8.5 cm
Maxi	PM 36	38	36	99.99%	380 mm <sup>2</sup>	8-9 cm

Note: The above information is indicative only.

The final decision for which model is to be used for patient is to be made by the Gynaecologist / Physician

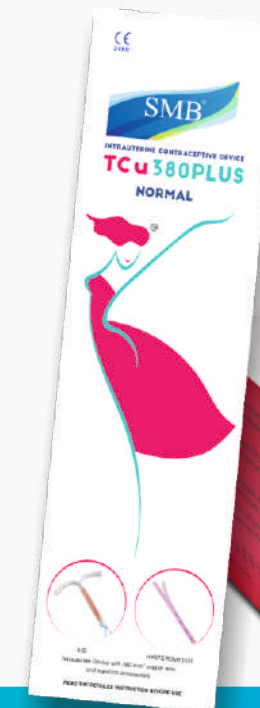
Each modified T shaped frame of SMB T Cu 380 Plus is made from compound of Low Density Polyethylene and Barium Sulphate (15% - 24%) wound with 0.40 mm diameter copper wire providing a surface area of 380 mm<sup>2</sup> ± 23 mm<sup>2</sup>.

The T is equipped with polyamide monofilament thread (suture) for easy removal. It is packed together with an insertion tube and rod in a Tyvek-Mylar film pouch or Continuous Polymer 11Film Pouch.

The Insertion Tube is equipped with a movable flange to aid in gauging the depth to which the Insertion Tube should be inserted through the cervical canal and into the uterine cavity.

Centimeter Scale printed in blue is provided on the Insertion Tube on special customer request for exact positioning of the flange on the Insertion Tube before Insertion.

It is 99% effective Intrauterine Contraceptive Device and does not affect Female hormonal system.



**With Sutures  
now available  
in 2 colours -  
Blue and Green**



Keeps me **SAFE**...



With Sutures  
now available  
in 2 colours -  
Blue and Green

ISO 13485:2016, ISO 14001:2015 and CE Certified by European Union Notified Body, DNV GL PRESAFE AS NORWAY  
SMB's manufacturing facility is Certified by ANVISA, Government of Brazil



# SMB Cu 375

## Intrauterine Device - Long acting Contraceptive for 5 years

This IUD is available in two sizes/model named  
• **Standard** • **Sleek**  
Additional accessories like Hysterometer / Probe is provided on specific Customer request.

Size/Model	Product code	Length in mm	Width in mm	Purity of Copper as Cu	Nominal active Surface Area of Copper	Approx sound measuring range
Standard	CS 35	35.5	19	99.99%	375 mm <sup>2</sup>	6 - 9 cm
Sleek	CL 29	29.5	19	99.99%	375 mm <sup>2</sup>	5 - 8 cm

Note: The above information is indicative only.  
The final decision for which model is to be used for patient is to be made by the Gynaecologist / Physician

Each SMB Copper 375 (Cu 375) frame is made from compound of Low Density Polyethylene and Barium Sulphate (15% - 24%) with two flexible arms with spurs.

99.99% purity OFE Copper wire (Diameter 0.40 mm ± 0.01 mm) is wound around the stem, giving a total copper surface area of 375 mm<sup>2</sup> ± 20 mm<sup>2</sup>.  
The 'Frame' is equipped with Polyamide Monofilament (Suture) for checking the presence/position and easy removal.

It is packed with an insertion tube in a Tyvek - Mylar film pouch or Continuous Polymer 11Film Pouch.

The Insertion Tube is equipped with a movable flange to aid in gauging the depth to which the Insertion Tube should be inserted through the cervical canal and into the uterine cavity. Centimeter Scale printed in blue is provided on the Insertion Tube on special customer request for exact positioning of the flange on the Insertion Tube before Insertion.

The flexible side arms ensure that IUD remains in position as high as possible against the fundus, without the uterine cavity being stretched.

SMB Cu 375 is 98-99% effective Intrauterine Contraceptive Device.  
It does not affect Female hormonal system.

- ADVANTAGES :**
- Proven, Safe, Reversible Contraception | Easy to load | Long Intrauterine life | Hormone/Steroid free | Highly convenient | Immediately effective, can be used as emergency contraceptive | Daily attention not required | Safe contraceptive for breast feeding women | No touch technique for insertion | Can be used by women who cannot use Steroid Contraceptives | Safe for all women of child bearing age | Safe for use after abortion or miscarriage.

SMB Cu 375 is a part of study named "Copper IUD continuation, unwanted effects and cost consequences at 1 year in users aged under 30 – a secondary analysis of the EURAS-IUD study" THE EUROPEAN JOURNAL OF CONTRACEPTION & REPRODUCTIVE HEALTH CARE2021, VOL. 26, NO. 3, 175-183



Offering **EASY, SAFE and QUICK NO TOUCH** Technique



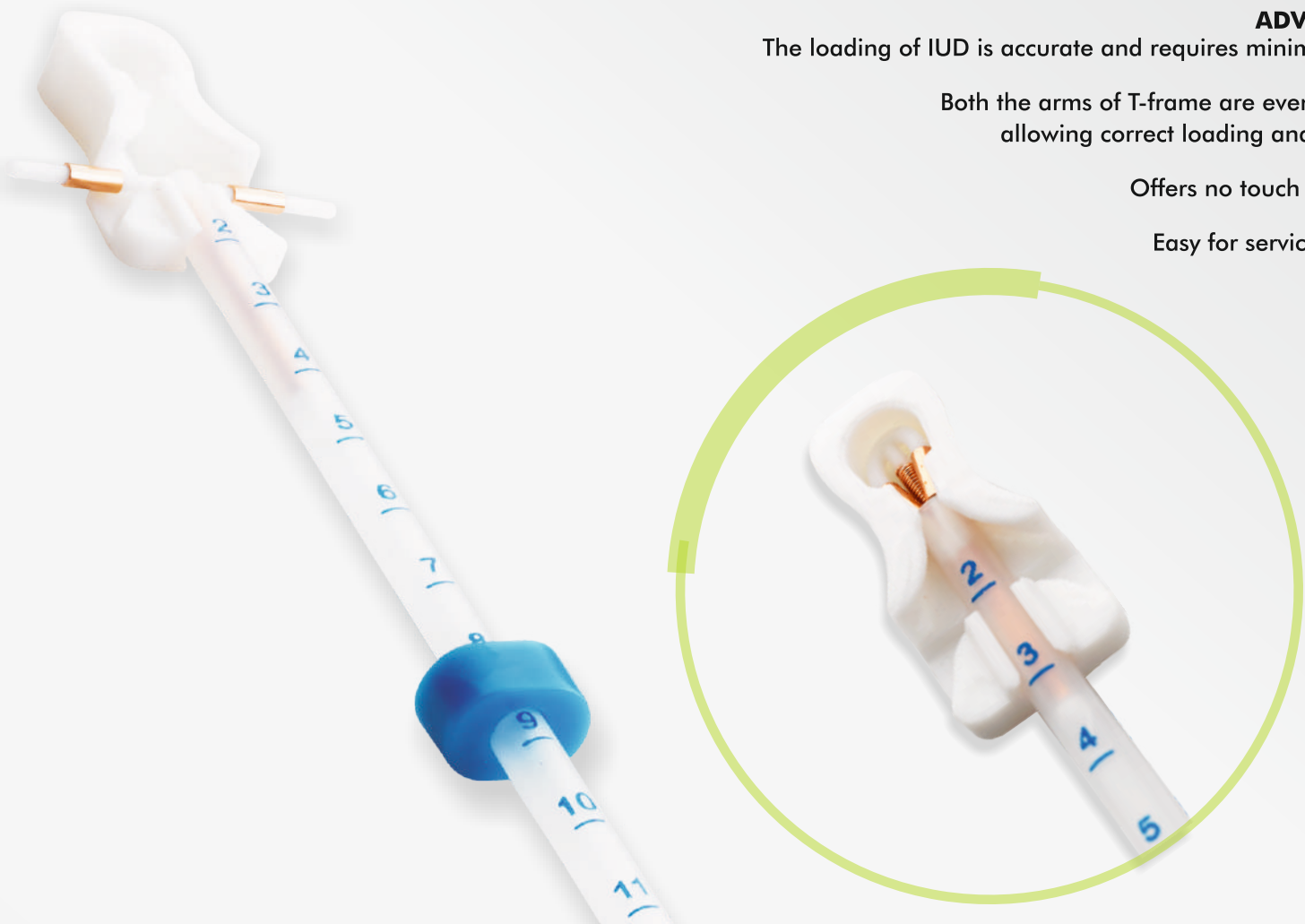
Product Code: LD C

# SMB Loading Devices

This is specially designed for ease in loading of Copper T 380A. It is easy, Safe & a quick loading Device from SMB. The design of SMB's Loading device is registered in the Patent office with certificate No. 240937.

## ADVANTAGES

- The loading of IUD is accurate and requires minimum effort.
- Both the arms of T-frame are evenly loaded, allowing correct loading and insertion.
- Offers no touch technique.
- Easy for service provider.



Product Code: LD U

ISO 13485:2016, ISO 14001:2015 and CE Certified by European Union Notified Body, DNV GL PRESAFE AS NORWAY  
SMB's manufacturing facility is Certified by ANVISA, Government of Brazil



Keeps me **CONFIDENT**...



ADVANTAGES :

Proven, Safe, Reversible Contraception | Easy to load | Long Intrauterine life | Hormone/Steroid free | Highly convenient | Immediately effective, can be used as emergency contraceptive | Daily attention not required | Safe contraceptive for breast feeding women | No touch technique for insertion | Can be used by women who cannot use Steroid Contraceptives | Safe for all women of child bearing age | Safe for use after abortion or miscarriage.

Ideal Time for Insertion of Postpartum IUD

- Post placental
- Intracaesarean
- Within 48 hours after delivery
- Postabortion
- Extended Postpartum/Interval

Detailed information on the procedure of insertion is available in the product leaflet.

Women who receive PPIUCD show a high level of satisfaction with this choice of Contraception, and the rates of expulsion are low enough so that the benefits of Contraceptive protection outweigh the potential inconvenience of needing to return for care for that subset of women.  
"Acceptance, perception, experience and satisfaction of the couple with postpartum intrauterine contraceptive devices (PPIUCD) Insertion, Asian Pac. J. Health Sci. 2016;3(4):55-56, Aashika Janwadkar et al."



ISO 13485:2016, ISO 14001:2015 Certified by European Union Notified Body, DNV GL PRESAFE AS NORWAY  
SMB's manufacturing facility is Certified by ANVISA, Government of Brazil

# SMB Post Delivery IUD TCu 380A

Intrauterine Device - Long lasting Contraceptive for 10 years

## Features of the SMB Post Delivery IUD

Product code	Horizontal Arm Length in mm	Vertical Stem Length in mm	Purity of Copper as Cu	Nominal active Surface Area of Copper
N 32 PDI	32	36	99.99%	380 mm <sup>2</sup>

The whole device comes in a sterile, easy to use, peelable pouch meant for single use only. Thus chances of infections are minimized. With its longer Loading Device (Consisting of Insertion tube and Stylet / Inserter Rod), the use of Insertion Forceps is avoided, thus no fear of cross contamination.

This Postpartum Intrauterine Device is ideal for women who deliver at health care facilities and wish to either space or limit their subsequent pregnancies.

IUDs have no effect on the quantity and quality of breast milk, a major concern of new mothers.

IUD is as effective as tubal ligation in providing contraceptive protection. Postpartum IUD is the best alternative to tubectomy for couples who wish to keep their options open for future family expansion.

Insertion after delivery avoids the discomfort related to interval insertion, some of the post-insertion side effects are masked by normal postpartum events (such as bleeding and cramps).

## Variants

Sr. No.	Components	Length of Components	
		Variant I	Variant II
1.	Monofilament Suture	535 mm	115 mm
2.	Insertion Tube	355 mm	355 mm
3.	Stylet	396 mm	396 mm





## SMB Uterus Model



## SMB Pocket IUD Training Model for IUD Placement & Removal

Tackling an Intrauterine Contraceptive Device (IUD) is a critical task. Both insertion and removal are delicate procedures, which, if accurately performed, ensure safety and serve effectiveness. Therefore, it becomes essential for doctors, practitioners, and medical students to be experienced in the execution. SMB introduces its most practical creation known as the IUD training model, specially designed to boost the skills of healthcare professionals. Its representation of an actual uterus is highly beneficial in medical training as well as in educating patients.

### Product Description

#### Why Choose SMB Corporation's Exemplary IUD Insertion & Removal Training Model?

##### High-Quality Material:

SMB pays heed to sustainability, and hence, utilizes robust TPR that is non-hazardous and environment conscious. Our recyclable and resilient IUD training model is definitely the best equipment in the medical field.

##### Realistic Uterus Shape:

Thorough practice is required for the real course of action i.e. IUD insertion and removal. Keeping the same in mind, SMB established this device that mimics the shape and structure of a real female uterus. It is meant to offer an authentic implantation experience for doctors or clinicians.

##### Easy to Use:

Support the two common IUD insertion practices, hormonal IUDs and copper IUDs. Since our IUD model's interior is soft and gentle, it bestows a true experience to medical students while incorporating and withdrawing. Whether, hormonal IUDs or copper IUDs, it is suitable for both contraceptive procedures.

##### Easy to Carry:

It is lightweight and handy. You can easily carry it anywhere in your bag. One of its primary features is its manageability, both on and off-treatment practice.



# SMB CYTO BRUSH KIT

Now screening test for cervical cancer made less Painful for my patients



### FAQ:

#### Why are Pap Smears so important?

The Pap smear test can detect changes in the cells of the cervix long before you may be aware that anything is wrong.

#### How often should I have a Pap smear?

All women between the ages of 18 and 70 who are, or have been sexually active, should have a Pap smear every two years. Even if you are not sexually active now or no longer have periods, you need regular Pap tests.

Each Gamma sterilized SMB CYTO BRUSH KIT consists of Wooden Ayer Spatula and Gynobrush.

**Purpose :** The SMB Cyto Brush Kit is used for collection of gynecological smear/Pap Smear.

A Pap smear is a screening test for the cervical cancer.



### ADVANTAGES:

Each pack of Cytokit is gamma sterilized and for single use, reduces the chance for infection.

The specially designed Ayre spatula fits against the cervix while the other end is used for scraping vaginal lesions or sampling the Vaginal pool.

And the soft bristles of Gynobrush are helpful for collecting painless endocervical smear.

ISO 13485:2016, ISO 14001:2015 Certified by European Union Notified Body, DNV GL PRESAFE AS NORWAY



# SMB TUBAL RINGS



**Product Description :** Tubal Ring is a cut Tubes of 2.5 mm width which conforms to Indian Standard IS 13009 : 2000

**Purpose:** The purpose of the **SMB Tubal Ring** applied by laparoscopy is to obstruct the Fallopian tube to achieve female sterilization.

**Physiologic Changes:** The Fallopian tubes are obstructed.

**Composition:** Each Tube Ring is made up from Silastic® RX 50R Medical Grade Tubing Radio opaque special Tubing

**Specification:** Product conforms to IS 13009 : 2000

**Packaging:** A pair of Tubal rings is packed in Tyvek pouch

**Sterilization Method:** Gamma Radiation Method.

**Shelf Life:** 4 Years from date of Manufacturing/Sterilization



## Advantages of Tubal Ligation

Tubal ligation is a permanent method of birth control offering immediate and highly effective protection against unexpected pregnancy | This mean of birth control has very few side effects | It is cost-effective in long term and requires no daily attention | Effectively protects women whose lives would be in danger if they were to conceive | No recurring contraception costs | Does not affect breast feeding | Simple surgery usually done under local anesthesia | No long-term side effects | No change in sexual function (no effect on hormone production by ovaries) | Decreased risk of ovarian cancer | Minimal operating time and patient is relieved the same day | Minimal surgical intervention | Potential reversibility (success rate is upto 90%)



Healing **LIFE**...



**ISO 13485:2016, ISO 14001:2015** Certified by European Union Notified Body, DNV GL PRESAFE AS NORWAY



# SMB Luer Lock Disposable SYRINGE 2ml

## Advantages of Luer Lock

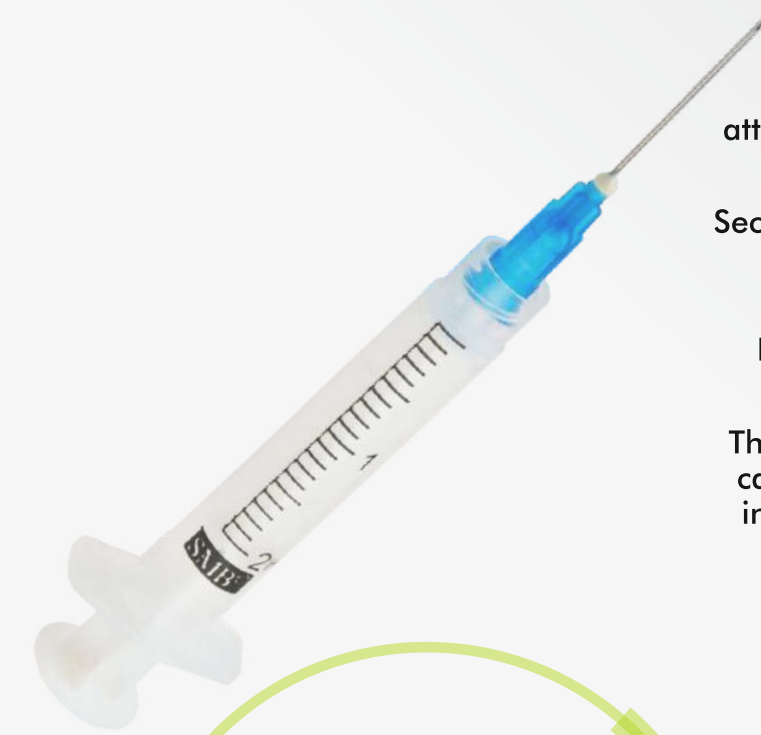
The luer lock helps to ensure that the needle or tube attached will remain secure throughout the administration process of a treatment.

Securing a proper connection between needle and patient, to ensure that there are no issues when it comes to the venous lines or ports to the arteriolar lines.

Luer lock on your syringe avoids the chances the needle could be lost in the patient.

This technique avoids contamination occurring as the port can be cleaned and fresh syringes can be used instead of injecting patients with a port that has been used multiple times with different patients.

The luer lock ensures a tight fit between the connectors and the needles.



## Salient Features

Easy to draw up viscous allergenic extracts.

Only 0.0021 ml dead space  
98% less antigen waste.

Smooth Plunger.

Clear Barrel.

Easy to read scale markings.

Ultra sharp needle.



# INTRODUCTION



**Mr. Girish R. Shah**  
*CEO*

SMB Corporation of India was founded by **Mr. Ratilal Shah** in 1974, with the dream to serve mankind with innovative contraceptive technologies, expertise safety of the service provider and user, now taken forward in the same spirit by **Mr. Girish R. Shah**, who joined the organization as the company CEO in 1985 and since then has taken SMB to become a global company in serving woman's reproductive healthcare.

Starting from the manufacturing of surgical sutures to Intrauterine Contraceptive devices and extensive range of accessories to the Luer Lock Syringes SMB has achieved new milestones in the journey of success under the guidance of its CEO.

Dedicating 5 decades in the manufacturing of high quality products in the sphere of healthcare SMB has its product acceptance in more than 145 countries around the globe.

It is a Star house exporter manufacturing indigenously versatile range of Medical Devices in world class manufacturing and quality control facilities under Class 10000 clean room conditions right from the process of moulding extrusion to assembling.

SMB facilities are certified with ISO 13485:2016 ISO 14001:2015, MDSAP, CE according to the latest directives of European Commission, Health Canada, ANVISA, SFDA, TFDA AND NAFDAC in progress with Products registered in more than 40 countries.

