SMB®

SMB Corporation of India

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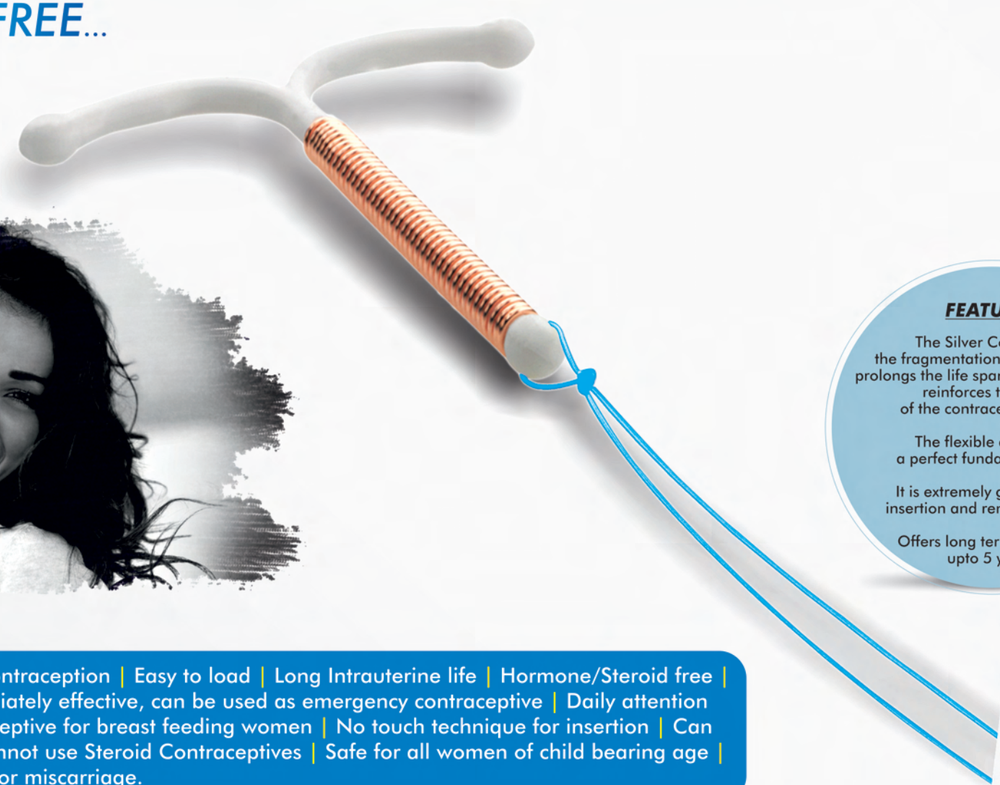
Keeps me **TENSION-FREE...**



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 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."

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CE 2460

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SMB's manufacturing facility is WHO GMP Certified and also Certified by **ANVISA**, Government of Brazil

SMB TCu 380 Ag

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	Length in mm	Width in mm	Purity of Cu+Ag	Nominal active Surface Area of Copper	Approx sound measuring range
Mini	GI 24	30.5	24	99.99%	380 mm^2	6-7.5 cm
Normal	GN 31	33	31	99.99%	380 mm^2	7-8.5 cm
Maxi	GM 36	38	36	99.99%	380 mm^2	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 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 mm^2 ± 23 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 Mylar -Mylar film 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.

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.

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)

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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 mm²**	**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 mg of 0.25 mm diameter copper wire, and two copper sleeves on horizontal arm providing a surface area of 380 mm² ± 23 mm².

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 Mylar-Mylar film 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...***

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.

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SMB TCu 380 Plus

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^2	6-7.5 cm
Normal	**PN 31**	33	31	99.99%	380 mm^2	7-8.5 cm
Maxi	**PM 36**	38	36	99.99%	380 mm^2	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%) wounded with 0.40 mm diameter copper wire providing a surface area of 380 mm^2 ± 23 mm^2.

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 Mylar-Mylar film peelable 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

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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^2	6 - 9 cm
Sleek	CL 29	29.5	19	99.99%	375 mm^2	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^2 ± 20 mm^2.
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 Mylar - Mylar film 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.

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

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Now retrieval of threads made
LESS PAINFUL for my patients

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Approved by **Health Canada** under license no. **96893**
Approved by **ANVISA** under Cadastro Registration no. **80117580723**
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SMB IUD Thread Retriever

SMB IUD Thread Retriever is designed to retrieve the lost threads if they are within the endocervical canal or uterine cavity.

The Thread Retriever has been designed to simplify the process of retrieving IUD threads, and make the process more comfortable for both patient and practitioner.

The design of SMB's Thread Retriever is registered under the Design Registration No. 255883

ADVANTAGES

The Procedure is Simple, painless, atraumatic generally no analgesia or local anaesthesia is required -and can be carried out in a doctor's surgery or clinic setting.

This saves the patient time and inconvenience and may avoid the need for hysteroscopy.

Textured handle gives the clinician greater control.

Sterile, single-use Thread Retriever eliminates the risk of cross contamination.

Product code: ITR

SMB Hysterometer/Probe

Variant 1: SMB Single Sided Probe with Cursor

A graduated sounding instrument for measuring the depth of the uterine cavity. It is a Gamma sterilized readily usable device. The design of SMB's Hysterometer is registered under the Design Registration No. 240938.

It is an instrument made from medical grade ABS plastic, used for probing and dilating the uterus as well as measuring the length of the cervical canal.

Total Length: 255 mm
Calibrated Number Scale up to: 12cm from the tip on both the side
Scale length: 12 cm from the tip

ADVANTAGES

It is for single use only.

It is straight, slightly conical and centimeter marked with adjustable positioned to be set on the cervix external orifice.

The rounded tip allows a comfortable insertion through the cervical canal.

The handle is a short, smooth thumb grip has grooves for improved grip. It also has graduated centimeter markings.

Measurement scale ranges from 6 to 12 cm (1cm resolution) and allows a direct reading on the Probe / Hysterometer.

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Product code: PC

Variant 2: SMB Double Sided Probe with Cursor

It is a malleable instrument made from medical grade polypropylene, used for probing and dilating the uterus as well as measuring the length of the cervical canal. The design of SMB's Hysterometer is registered under the Design Registration No. 278101.

Total Length: 270 mm
Calibrated Number Scale length up to: 10cm from the tip on both the sides.

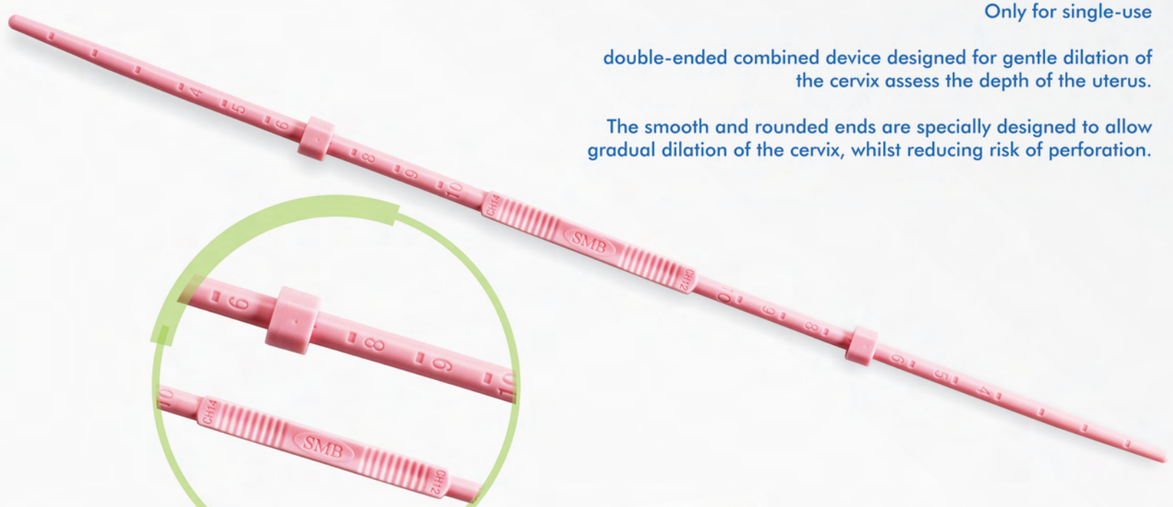
ADVANTAGES

Strong but flexible

Only for single-use

double-ended combined device designed for gentle dilation of the cervix assess the depth of the uterus.

The smooth and rounded ends are specially designed to allow gradual dilation of the cervix, whilst reducing risk of perforation.



Feature

This is a '2-in-1' device (Both CH12 and Ch14 sizes of the probes present)

Product code: DSP

Approved by ***Health Canada*** under Licence number **96894**

Approved by **ANVISA** under Cadastro Registration no. **80117580723**

Ensuring ACCURACY...

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Variant 3: SMB Angled Probe with Cursor

It is a malleable instrument made from medical grade polypropylene, used for probing and dilating the uterus as well as measuring the length of the cervical canal.
The design of SMB's Hysterometer is registered under the Design registration no.278102.

Total Length: 265 mm
Calibrated Number Scale up to: 18 cm from the tip
Scale length: 18 cm from the tip

ADVANTAGES

This Probe has curve on the tip.

The handle is long, smooth and improved thumb grip.

It also has graduated centimeter markings.

Product code: SSP

Feature
With Visibly Enhanced Marking

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Ensuring *EASE and PERFECTION...*

SMB Cheron Forcep

Product code: CRF
Design Registration No. 288755

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IUD Accessories

SMB Pozzi Tenaculum

Product code: PZT
Design Registration No. 288754

SMB IUD Thread Cutting Scissor

Product code: TCS
Design Registration No. 288753

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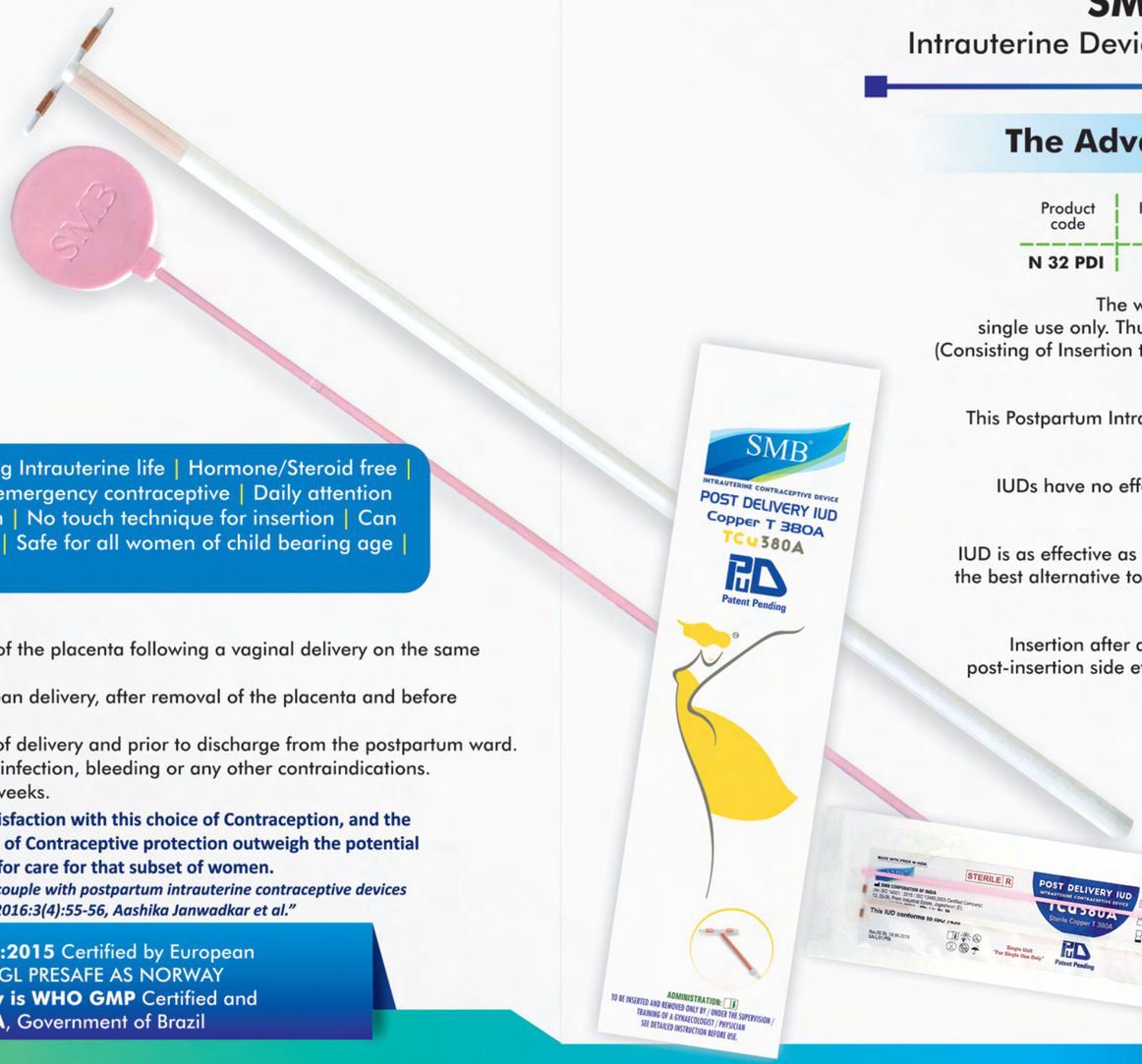

ADVANTAGES :

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: Insertion within 10 minutes after expulsion of the placenta following a vaginal delivery on the same delivery table.
Intracaesarean: Insertion that takes place during a caesarean delivery, after removal of the placenta and before closure of the uterine incision.
Within 48 hours after delivery: Insertion within 48 hours of delivery and prior to discharge from the postpartum ward.
Postabortion: Insertion following an abortion, if there is no infection, bleeding or any other contraindications.
Extended Postpartum/Interval: Insertion anytime after 6 weeks.

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."

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In Progress

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SMB Post Delivery IUD TCu 380A

Intrauterine Device - Long lasting Contraceptive for 10 years

The Advantages 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^2**

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).

Unique Features

Sr. No.	Customization	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 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.

The specially designed soft bristles of Gynobrush helpful for collecting painless endocervical smear.

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SMB TUBAL RINGS

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 a long term and requires no daily attention.

Moreover, tubal ligation 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%)

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

Procedure for Loading
Points of Caution. Care must be taken not to bring an excessively large knuckle of Fallopian tube into the housing of the banding scope. If a large mass of Fallopian tube, with associated mesosalpinx, is brought into the housing of the laparoscope, the grasping tongs will lacerate the tube.