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GINECOLOGIA

Vaginal ring for uterine prolapse



The genital prolapse is the fall down of the uterus, isteroptosi or histerocele through the vagina up to leak out completely in severe cases.

During this downhill, it can happen the bladder goes down (cystocele) and sometimes as well the rectum or rectocele.

Genital prolapse cannot occur any disorder, or it can appear as heavy genitals, difficult sex intercourse, constipation, water retention or urinary incontinence.

How to intervene

For severale cases, surgery is mandatory, evaluated on the basis of the severity of the prolapse and the disorders related.

The surgical operation usually used to correct the uterine prolapse is the hysterectomy; the removal of the uterus by vaginal way along with the plastic vaginal surgery.

What are the options

The therapeutic options for the woman are different. The most suitable treatment to avoid surgical operation is the vaginal pessary.

It is a ring, made of rubber, silicone or PVC, which is placed in vagina, between the back vaginal fornix and the pubic bone, to withstand the uterus.

The insertion is performed in clinic and the ring has to be substituted periodically (30-90 days), in compliance with the antiseptic treatment, in order to avoid injuries, bedsores and vaginal infections.



GLOSSARY

Stress Urinary Incontinence

It is a type of urinary incontinence in which the involuntary urine leakage is caused by the increase of intra-abdominal pressure.

Cystocele, enterocele, rectocele e urethrocele

The prolapse of the rectum (rectocele), of the small intestine (enterocele), the bladder (cystocele) and the urethra (urethrocele) are likely to occur together.

Cystocele and cystourethrocele develop commonly later than a weakness of the bladder and the pubic/cervix area.

The enterocele often develops after an hysterectomy.

The weakness of the pubic/cervix area and the vaginal-rectum area allow the downhill by the vaginal apex, containing peritoneum and the small bowel.

The rectocele is caused by the collapse of the anus elevator muscles.

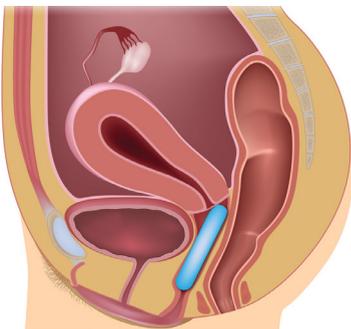
There are 3 types depending on the severity of the prolapse: 1°, 2° and 3° degree.

Uterine prolapse or vaginal prolapse

In vaginal prolapse, the upper part of the vagina goes down towards the lower part, causing the protrusion to the outside.

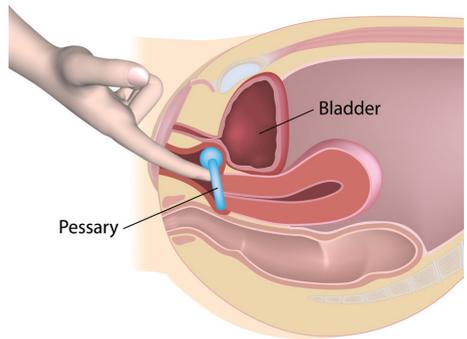
The upper part can downhill partly or entirely leaking out of the body and causing a total prolapse.

Usually, it is combined with a cystocele or rectocele.



Ring Pessary is an effective treatment for the premature/advanced prolapse.

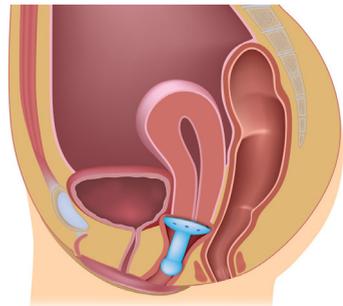
There are many different shapes and sizes of pessaries to satisfy the needs of every patient. Your gynecologist will choose the most suitable model for you. Ring pessary with Knob is used for stress urinary incontinence.



Knob Pessary with or without membrane



We have a large range of soft and flexible pessaries, made of different materials and many size available. Detailed instruction for use for the gynecologist, as well as information about the patient for self-care. All products comply with FDA, CGMP, regulation CE e ISO 13485 and 10993 for the biocompatibility.



Gellhorn Pessary with drain is used to treat symptoms as cystocele as well as rectocele at second or third degree of uterine prolapse. This type with stem makes it easier the insertion and the removal of the Device.

In support of woman



Pelvic floor is a group of muscles which keep the pelvic organs, namely uterus, rectum, bladder, urethra.

The muscles of the pelvic floor secure support to the pelvic organs.

We can imagine it as a "suspended bridge": at one end of this bridge you can find the sacrum and at the other the pubes.

The "suspensory cables", keep steady the bridge and these are the supporting ligaments.

Our pelvic floor is not rigid but dynamic and it adapts to our movements and the changes of the posture, ensuring a correct tension to keep in place the bladder, the uterus and the rectum in the pelvic area.

The rehabilitation of the pelvic floor, or perineum can be defined as a group of methods as prevention/ protective measures, minimally invasive, in order to resolve or mitigate signs and symptoms arising from the dysfunction of the muscles which form the pelvic floor.

 *When and whom it is suitable for?*

It is aimed at women (but not only to them), because cases of perineal dysfunction are often connected to menopause and postpartum.

The perineal re-education is suitable as a prevention measure (to avoid the occurrence of dysfunction) as birthing and postpartum (beginning of third trimester of pregnancy and at about 40 days from birth); before and after the pelvic surgery; weakness of perineal muscles, secondary to congenital diseases, neuropathy, perineal pains, age, restriction physical activity and prolonged bedding

Pelvipерineal rehabilitation can be divided into three main moments:

- *Consciousness of muscle*
- *Strengthening of muscle*
- *Activation and correct use of muscle.*

The methods are:

- *kinesitherapy or perineal gymnastics*
- *biofeedback*
- *functional electrostimulation (SEF).*

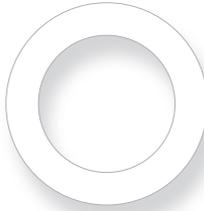


The health professionals involved for the pelvic rehabilitation are the physical therapist and the obstetrician (properly trained).

The physical therapist is the first professional contact and you can start the rehabilitation even without medical prescription.

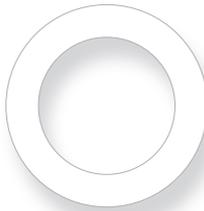
To get diagnosis it is necessary to turn to a specialist physician as Gynecologist, Urologist, Proctologist or Neurologist.





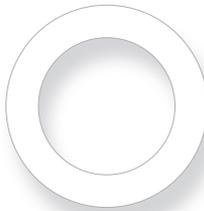
Rubber Pessary is mainly used to treat a mild uterine prolapse at first degree.

- | | | | | | | |
|----|----|----|----|----|----|-----|
| 50 | 55 | 60 | 63 | 65 | 70 | 75 |
| 80 | 83 | 85 | 89 | 90 | 95 | 100 |



Silicone Pessary is mainly used to treat a mild uterine prolapse at first degree

- | | | | | | | |
|----|----|----|-----|----|----|----|
| 50 | 55 | 60 | 65 | 70 | 75 | 80 |
| 85 | 90 | 95 | 100 | | | |



Blue Sterile Silicone Pessary is mainly used to treat a mild uterine prolapse at first degree.

- | | | | | | | |
|----|----|----|-----|----|----|----|
| 50 | 55 | 60 | 65 | 70 | 75 | 80 |
| 85 | 90 | 95 | 100 | | | |



Flexi Shelf Pessary is used to prevent the uterine prolapse at second or third degree. Its anatomical shape helps to reduce the chance of complications about the bowel movements, on the other hand the rigid steam makes it easier the insertion and the removal of the Device.

- 57
- 64
- 70
- 76



Gellhorn Pessary and **Short Gellhorn Pessary** with drain is used to treat symptoms as cystocele or even rectocele at second or third degree of uterine prolapse. This type with steam makes it easier the insertion and the removal of the Device.

Gellhorn

- 38
- 45
- 515
- 57
- 63
- 70
- 76
- 82
- 88
- 95
- 101



Short Gellhorn

- 38
- 44
- 51
- 57
- 63,3
- 70
- 76
- 82
- 89



Shatz Pessary is used to treat symptoms as cystocele even or rectocele at second or third degree of uterine prolapse. Its convex shape ensures a perfect adhesion, on the other hand the drains allow a simple removal.

- 38
- 45
- 515
- 57
- 63
- 70
- 76
- 82
- 88



Dish Pessary is flat with or without membrane is used è to treat symptomp as cystocele even or rectocele at second or third degree of uterine prolapse.

This pessary can relieve stress urinary incontinence.

The soft flexible silicone makes it easier the insertion and the removal of the Device.

50 55 60 65 70 75 80 85



Cup Pessary is flat, with or without membrane is used to treat uterine prolapse at second or third degree.

The soft flexible silicone makes it easier the insertion and the removal of the Device.

50 55 60 65 70 75 80 85



Oval Pessary is generally used to treat a mild uterine prolapse at first degree or cystocele. The pessary's shape prevents the rotation in women which has had a vaginal surgical operation.

It is available with or without support membrane.

50,5 57 63,5 70,5 76 83 89 96 101



Ring Pessary is mainly used to treat a mild uterine prolapse at first degree.

It is available with or without support membrane.

44 50 58 63 69 76 83 88 95 100



Donut Pessary is used to treat the uterine prolapse at second or third degree, as cystocele or rectocele.

This type of pessary is generally used by post-menopausal women, it is quite elastic to allow a simple insertion and removal.

50 59 65 69 76 83 88 95



Cube Pessary is used to treat symptoms as cystocele as well rectocele, uterine prolapse at second or third degree.

It is available with or without drains.

25 29 33 37 41 45 50 56 63
70 75



Knob Pessary has the same requirements of ring type and it is used to treat stress urinary incontinence.

It is available with or without support membrane.

44 50 58 63 69 76 83 88



Ring Pessary for incontinence is used to treat stress urinary incontinence, mild uterine prolapse or cystocele at first degree.

44 51 57 64 70 76 83 89 95 102



Marland Pessary is used to treat symptoms of uterine prolapse second or third degree, cystocele or rectocele. This type of pessary can reduce the discomfort of urinary incontinence. It is available with or without support membrane.

57 63 70 76 82 88 95



Gehrung Pessary with support membrane is used especially to treat severe cystocele or rectocele and it can be useful in case of uterine prolapse at second or third degree. This pessary can be shaped manually to solve personal or anatomical problem.

50 55 60 65 70 75 80 85 90 95



Hodge Pessary has a double bend and it is used to correct the back deviation of the uterus. It is a flexible pessary used to treat uterine prolapse at first and second partial degree but it can solve cystocele as well. It can be shaped manually and it is suitable to women of childbearing potential. It is available with or without support membrane.

65 70 75 80 85 90 95 100 105 110



Pessary Box

Realized in blue silicone for a simple identification.

In nine types available.

Every box contains 6 pieces assorted.
The device can be sterilized up to 100 times.

Ring



Cube



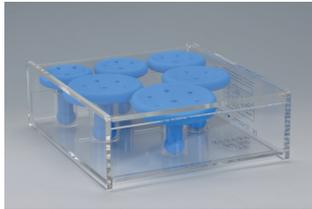
Dish with support



Oval



Gellhorn



Ring with support



Ring with Knob



Marland with support



Cup



Inflatable Silicone Pessary is used to relieve mild symptoms of cystocele or rectocele at second or third degree. A pump for the inflation is included. 4 sizes available.

- 51
- 57
- 64
- 70



Single-use Vaginal Speculum with central pin.

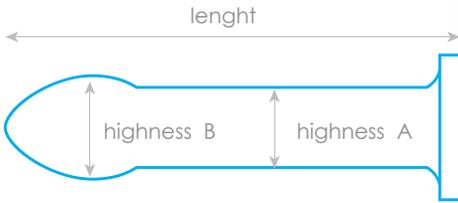
To use for the vaginal dilation with exposure neck of uterus. The central pin system allow to adjust and block safely the enter of the vaginal funnel. The smooth surface and the rounded edges grant a painless insertion.

size	diameter	color
L	Ø 30 mm	green
M	Ø 26 mm	red
M/S	Ø 24 mm	blue
S	Ø 20 mm	white
Virgo	Ø 16 mm	yellow



Disposable Vaginal Speculum with lateral screw adjustment.

size	diameter
L	Ø 36 mm
M	Ø 28 mm
S	Ø 20 mm



Vaginal Dilators Set

Every set includes 4 sizes of dilators.

All products comply with FDA, GMP, CE and the regulation ISO 13485 and 10993 for the biocompatibility. Made of silicone



SIZE L measure in mm

size	length mm	highness A mm	highness B mm
XL	150	30	38
L	138	25,5	32
M	128	22,5	28
S	120	19,5	24



SIZE M measure in mm

size	length mm	highness A mm	highness B mm
XL	95	26	33
L	86	22,5	28
M	78	19,5	23
S	75	12,5	17



SIZE S measure in mm

size	length mm	highness A mm	highness B mm
XL	75	13,5	18
L	65	12	16
M	60	10,5	14
S	50	9,5	13

Single-use Sterile Electrocautery

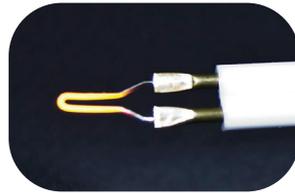
Self-powered battery system, sterile and single-use, is used to cauterize small blood vessels. Wires and plates are not necessary.

The field of application is very large and it can be used in gynecological clinics, orthopedics, otoralyngology, urology, dermatology.

The electrocautery is suitable to be used for fast and accurate cauterizations.

The electrocautery is intended to be used only for outpatient procedure because only the tips are sterile, on the other hand the stem is not sterile.

In the pack of the tips, a sterile polyethylene protection is included which covers the stem during the use.



ref	F7244	F7266	F7234	F7277	F7288	F7255	F7255UF
tip shape forma punta	FINE FINE	LARGE LARGA	FINE FINE	FINE FINE	THICK SPESSA	FINE FINE	ULTRA FINE ULTRA FINE
tip length (mm) lunghezza punta (mm)	28	28	75	125	28	28	28
temp.re (°C / °F) temperatura (°C / °F)	1200 / 2200			800 / 1400		600 / 1100	
activ. pressure (gr) pressione attivaz. (gr)	200			200		200	
power supply alimentazione	3,0			3,0		1,5	
diameter (mm) diametro (mm)	16			16		16	
weight (gr) peso (gr)	65	65	78	78	65	45	45
series serie	HTC				MTC		LTC
	HIGH TEMPERATURE CAUTERY				MED. TEMP. CAUTERY		LOW TEMPERATURE CAUTERY



Reusable Electrocautery

allows the replace of battery and tips.

Entering a sterile tip into the front part, the reusable electrocautery becomes a self-powered system for cauterize small vessels and it can be used instead of the "kit" bovie/cable/clot clamp.

The 2 alkaline batteries have a significant longer life and allow to get the temperature of 1.200.°C (2.200 °F).

There are available 3 tips: thin, large and long.

Transparent gel for ultrasound

This product can be used to improve the electric conductivity between electrodes and body's patient with:

- ultrasound transducer, in order to create a direct contact between skin and transducer,
 - doppler, cardiocografy, myograph, ecoencefalography and other electromedical examinations.
- It do not dirty, do not irritate, water soluble and easily removable with a towel.

Only for external use.

Bottle 1000 ml.



	Types	Prolapse		Cystocele
		(1°-2° degree)	(2°-3° degree)	
	Cube		•	•
	Cup	•		•
	Dish	•	•	•
	Donut		•	•
	Gellhorn		•	•
	Gellhorn (Short Sterm)		•	•
	Gehrung		•	•
	Hodge	•		•
	Marland		•	•
	Oval	•		•
	Ring	•		•
	Knob		•	•
	Shaatz		•	•

	Types	 Rectocele	 Incontinence	 Retro displacement	 Incompetent cervix
Cube	•				
Cup			•	•	•
Dish					
Donut	•				
Gellhorn	•				
Gellhorn (Short Stern)	•				
Gehrung	•				
Hodge			•	•	•
Marland			•		
Oval					
Ring					
Knob			•		
Shaatz					



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