

Catgut «IGAR» plain sterile without needle

Absorbable suture
of biological origine



Technical characteristics:

- Natural collagen absorbable suture of organic origin.
- Plain catgut has straw color.
- Due to its smoothness, evenness and fineness it will not tear at tissue.
- Perfect manipulate qualities, fine elasticity and high knot pull strength.
- The knots are firm and strong.
- Causes minimum tissue reaction.
- Causes minimum capillary action.
- Extremely high density and tensile strength.
- Especially smooth surface and plasticity.
- Does not absorb liquid from wound, does not swell, does not cause repelling effect.
- Does not stick together with puncture walls.
- Sterilized by gamma-radiation.

Sizes in our assortment: Metric 2 (USP4/0), Metric 3 (USP 3/0), Metric 4 (USP 0), Metric 5 (USP 1), Metric 6 (USP 2), Metric 7 (USP 3).

Usage: in suturing or ligating body tissues during the surgical operations in general surgery, ophthalmosurgery, obstetrics and gynecology, urology, orthopedy, in ligating of subcutaneous vessels, intestinal anastomosis.

Size according to American and European classifications, diameter, knot pull strength

USP size	EP metric size	Diameter (mm)	Knot pull strength	
			≥ N	≥ Kgf
4-0	2	0,200-0,249	7,546	0,77
3-0	3	0,300-0,349	12,250	1,25
0	4	0,400-0,499	27,146	2,77
1	5	0,500-0,599	37,240	3,80
2	6	0,600-0,699	44,198	4,51
3	7	0,700-0,799	57,820	5,90

Marking and labeling are made in Ukrainian and comply with all requirements of standards.

The product is registered in Ukraine and allowed to use in medical practice.

Silk «IGAR» surgical sterile without needle

Non-absorbable suture
of organic origine



Technical characteristics:

- Surgical sterile non absorbable suture based on natural protein - fibroin.
- Braided suture, refined of waxes and resins.
- Perfect manipulate qualities, possesses high fracture strength.
- The knots are firm and strong.
- By means of unique techniques content of elements that are prone to cause repelling reaction in body tissue is greatly reduced.
- Causes moderate inflammatory reaction in human tissues with following encapsulation of suture by conjunctive tissue.
- Due to technology of braiding in both the obverse and reverse directions the suture will not twist during operation.
- Uniform, smooth and translucent.
- Possesses fair moisture absorption quality.
- Sterilized by gamma-radiation.

Sizes in our assortment: metric 2 (USP 3/0), metric 3 (USP 2/0), metric 4 (USP 1), metric 5 (USP 2), metric 6 (USP 3/4), metric 7 (USP 5).

Usage: in approximating of body tissues in cardio-vascular surgery, ophthalmosurgery and neurosurgery. Attention! In spite of the fact that silk is non absorbable suture, gradual degradation in vivo of silk fibers, containing proteins, causes increasing loss of strength, so it's not indicated when continuous tensile strength is necessary.

Size according to American and European classifications, diameter, knot pull strength

USP size	EP metric size	Diameter (mm)	Knot pull strength	
			≥ N	≥ Kgf
3-0	2	0,200-0,249	9,41	0,96
2-0	3	0,300-0,349	14,10	1,44
1	4	0,400-0,499	26,70	2,73
2	5	0,500-0,599	34,50	3,52
3	6	0,600-0,699	47,80	4,88
5	7	0,700-0,799	60,40	6,16

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**A doctor should fix
his mind on curing**



IGAR Ltd. www.igar.ua
20, Metalistiv str., Kiev, 03057
phone/fax: 044-585-34-55