

## Synthil «IGAR» sterile with or without needle

Absorbable synthetic suture  
(polyglycolic acid)



### Technical characteristics:

- Sterile synthetic absorbable surgical suture
- Braided suture, made on base of polyglycolic acid (PGA)
- Coated with polycaprolactone and calcium stearate
- Dyed in violet color
- Causes minimal trauma when passing through human tissues
- The knots are firm and strong
- Biologically inert material
- Non-antigenic
- Causes minimal tissue reaction
- Tensile strength retention after two weeks is 65%. Absorption of PGA suture is essentially complete between 60 to 90 days.
- Sterilized by ethylene oxide gas

Sizes in our assortment: metric 0,7 (USP 6/0), metric 1 (USP 5/0), metric 1,5 (USP 4/0), metric 2 (USP 3/0), metric 3 (USP 2/0), metric 3,5 (USP 0), metric 4 (USP 1), metric (USP 2)  
Suture length: 1,5m, 0,9m, 0,75m, 0,45m  
Needle types and sizes: round bodied, cutting, reverse-cutting, «tapercut»; 1/2 circle, 3/8 circle; 11mm, 13mm, 16mm, 17mm, 19mm, 20mm, 22mm, 25mm, 26mm, 30mm, 35mm, 40mm, 45mm, 50mm

### Surgical indications:

For tissues approximation in general surgery, abdominal surgery, urology, plastic/oral surgery, trauma/orthopedic surgery, obstetrical, gynecology.  
Attention! Not indicated for cardiovascular and neurological tissue approximation. Synthil is contraindicated when extended approximation of tissue under stress is required.

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

USP size	EP metric size	Diameter (mm)	Knot pull strength	
			≥ N	≥ Kgf
6-0	0,7	0,070-0,099	2,450	0,25
5-0	1	0,100-0,149	6,664	0,68
4-0	1,5	0,150-0,199	9,310	0,95
3-0	2	0,200-0,249	17,346	1,77
2-0	3	0,300-0,349	24,264	2,68
0	3,5	0,350-0,359	38,220	3,90
1	4	0,400-0,499	49,784	5,08
2	5	0,500-0,599	62,230	6,35

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.

## Monolene «IGAR» sterile with or without needle

Non-absorbable synthetic suture  
(polypropylene monofilament)



### Technical characteristics:

- Sterile synthetic non-absorbable surgical suture
- Monofilament suture, made on base of medical polypropylene
- Dyed in blue color
- Due to smooth surface passes easily through human tissues
- Biologically inert material, does not become degraded in human tissues
- Perfect manipulate qualities, possesses high fracture strength. The knots are firm and strong.
- Does not absorb moisture from a wound, thus can be used in case of inflamed or infected tissues approximation
- Minimize seams rejection and forming of wound cavities
- Sterilized by gamma radiation

Sizes in our assortment: metric 0,4 (USP 8/0), metric 0,5 (USP 7/0), metric 0,7 (USP 6/0), metric 1 (USP 5/0), metric 1,5 (USP 4/0), metric 2 (USP 3/0), metric 3 (USP 2/0), metric 3,5 (USP 0), metric 4 (USP 1), metric (USP 2)  
Suture length: 1,5m, 0,9m, 0,75m, 0,60m, 0,45m  
Needle types and sizes: round bodied, cutting, reverse-cutting, «tapercut»; 1/2 circle, 3/8 circle; 8mm, 11mm, 12mm, 13mm, 15mm, 16mm, 17mm, 18mm, 19mm, 20mm, 22mm, 25mm, 26mm, 30mm, 35mm, 40mm, 45mm, 50mm

### Surgical indications:

For tissues approximation in general surgery, abdominal surgery, plastic surgery, cardiovascular surgery, obstetrical, gynecology.  
Attention! Be careful during handling and use to avoid suture surface damaging or suture severing that can lead to knot breakage.

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

USP size	EP metric size	Diameter (mm)	Knot pull strength	
			≥ N	≥ Kgf
8-0	0,4	0,040-0,049	0,59	0,060
7-0	0,5	0,050-0,069	1,08	0,110
6-0	0,7	0,070-0,099	1,96	0,200
5-0	1	0,100-0,149	3,92	0,400
4-0	1,5	0,150-0,199	5,88	0,600
3-0	2	0,200-0,249	9,41	0,960
2-0	3	0,300-0,349	14,10	1,439
0	3,5	0,350-0,399	21,20	2,163
1	4	0,400-0,499	26,70	2,724
2	5	0,500-0,599	34,50	3,520

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A doctor should fix  
his mind on curing



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