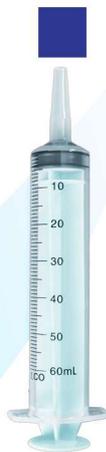


med
EL Dawliaico
SMOOTH INJECT
INTERNATIONAL COMPANY FOR MEDICAL NECESSITIES

i Suture



Syringe

i Mesh



i Vac

ABOUT ELDAWLIA



Mr. Adel Khalial

Founder of the business
with powerful players
from the same family

Dr. Ahmed Khalial

Responsible for Supply Chain
and Logistics Management

Mr. Ibrahim Khalial

Responsible for Financial
and Administrative
Management

Mr... Mohamed Khalial

Responsible for the
Plant & Operation
Management

ELDAWLIA ICO is the pioneer manufacturer of Syringes in Africa and the middle east, established in 2004 to manufacture medical disposables started with conventional syringes passing by self-destructive then safety syringes .

In order to achieve its growth strategy ELDAWLIA started new plant for suture production in TURKEY implementing both product and geographical diversification . Operating in EGYPT and Turkey together is contributing in providing our product and services in the highest quality with the best prices.

ELDAWLIA is a Family business located in Upper Egypt (Asyut City), 350 km south of Cairo. Choice of the location has a significance . According to governmental statistics , Alzaraby " the plant location " is the poorest village in Egypt with the highest unemployment rates.





iSyringe

Conventional

Conventional syringes are available with and without an attached needle. Syringe-needle combinations feature a clear barrel with a bold scale.



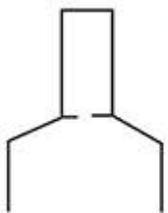
Auto disable

Auto disable syringes are distinguished by the fact that they cannot be reused: following injection, the syringe is automatically blocked, thus becoming unusable.

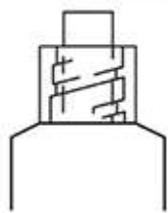


3 ml	Ordinary Syringe	23G x 1 1/4
5 ml	Ordinary Syringe	21G x 1 1/2
10 ml	Ordinary Syringe	18G x 1 1/2
20 ml	Ordinary Syringe	18G x 1 1/2
50 ml	Ordinary Syringe	18G x 1 1/2

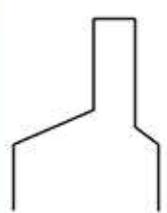
Other needle sizes are available



Luer slip tip
Our luer slip tip provides a frictionfit connection that requires you to push and twist the syringe tip into the needle hub.



Luer Lock tip
Our Luer-Lok tip is generally used for injections requiring a secure connection of the syringe to another device.



Eccentric luer slip tip
The eccentric luer slip tip is generally used for venipunctures and aspiration of fluids, allowing close proximity to the skin.



Safety Syringe

Safety syringes offers single-handed activation with minimal change in technique.

Safety Needle

Safety needle is a pivoting-shield needle for efficient safety during activation. The needle is bevel oriented to the safety cover to facilitate low-angle injections.



3 ml	Ordinary Syringe	23G x 1 1/4
5 ml	Ordinary Syringe	21G x 1 1/2
10 ml	Ordinary Syringe	18G x 1 1/2
20 ml	Ordinary Syringe	18G x 1 1/2
50 ml	Ordinary Syringe	18G x 1 1/2

Other needle sizes are available



Oral Syringes

Oral syringes offer a wide range of oral syringes and accessories for oral medication administration



10 ml

Ordinary Syringe with tip oral

18G x 1 1/2

• Other Needle Sizes are available

Uni-body insulin syringe

Uni-body insulin syringe supports many clinical uses and crucially to prevent needle disengagement, medication leakage, and spray or tubing disconnect.



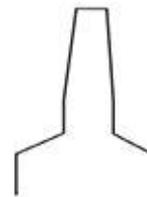
1 ml

Insulin Ordinary Syringe

28G x 1/2

Feeding Catheter Tip

The catheter tip is used for flushing catheters, gastrostomy tubes and other devices.



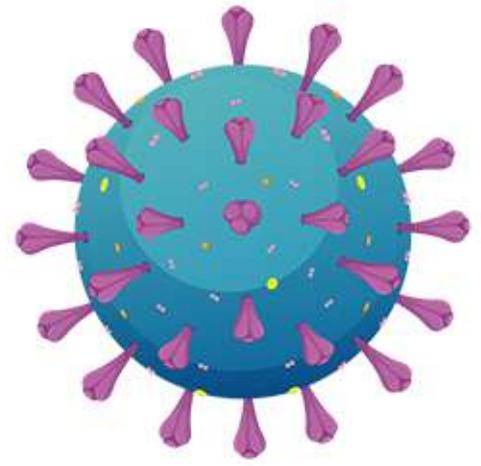
50 ml

Ordinary Syringe with tip catheter

18G x 1 1/2



COVID-19 Vaccine Syringes



We have 2 sizes of COVID-19 Vaccine Syringes 1 ml and 2 ml. Both can be supplied with 23G, 24G or 25G Needles upon your request



25 G



24 G



23 G

1 ml	Ordinary Syringe
2 ml	Ordinary Syringe

Other needle sizes are available





ivac

No Additive (Tube with Red cap)



- This tube is a plain containing no anticoagulant.
- It mainly used for collection of Serum for selected chemistry tests

Ex. Hepatitis C Virus (HCV Ab), Hormones and blood chemistry Tests.

2 ml

3 ml

4 ml

5 ml

6 ml

Clot Activator (Tube with Red cap)

- This tube contains BCA as coagulation Catalyst.
- It mainly used for collection of serum for various laboratory test.

Ex. Serology tests and blood chemistry

2 ml

3 ml

4 ml

5 ml

6 ml



EDTA K2 (Tube with lavender cap)



- This tube contains Dipotassium Ethyleneimine tetra acetic acid as anticoagulant.
- It mainly used for hematological tests.

Ex. Complete Blood Picture (CBC)

2 ml

3 ml

4 ml

5 ml

6 ml



EDTA K3 (Tube with lavender cap)



- This tube contains Dipotassium Ethylenediamine tetra acetic acid As anticoagulant.
- It mainly used for hematological Tests.

Ex. Blood group (ABO) & RH typing, Hemoglobin glycosylated (A1C)

2 ml

3 ml

4 ml

5 ml

6 ml

Gel-Clot Activator (Tube with yellow cap)

- This tube contains BCA as coagulation Catalyst and gel as serum separator.
- It mainly used for collection of serum for Various laboratory tests.

Ex. Heavy metals tests (Ca, Na , Mng, Pb ...)
Serology tests.

2 ml

3 ml

4 ml

5 ml



Coagulation (Tube with light blue cap)



- This tube contains Sodium citrate with Concentration 3.2% as anticoagulant.
- It mainly used for coagulation studies

Ex. Prothrombin time & concentration Test (PT) ,
Partial thromboplastin time Test (PTT) and
coagulation factors

2 ml

3 ml

4 ml

5 ml

6 ml



Lithium and Sodium Heparin (tube With green cap)



- This tube contains Lithium & Sodium Heparin as anticoagulant.
- It mainly used for collection of Heparinized plasma or whole blood for special tests.

Ex . Karyotyping test & Blood gases

2 ml

3 ml

4 ml

5 ml

6 ml

Glucose (Tube with Gray cap)

- This tube contains Potassium oxalate as anticoagulant and Sodium fluoride as a preservative.
- It mainly used for preservation of Glucose in whole blood and for some special chemistry tests.

Ex. Fasting Blood Sugar (FBS),
Random Blood Sugar (RBS)
Postprandial Blood Sugar (PPS)

2 ml

3 ml

4 ml

5 ml



Coagulation (ESR) (Tube with Black cap)



- This tube contains Sodium citrate with Concentration 3.8% as anticoagulant.
- It mainly used for coagulation studies.

Ex. Erythrocyte Sedimentation Rate (ESR)

2 ml

3 ml

4 ml

5 ml

6 ml





iSviture

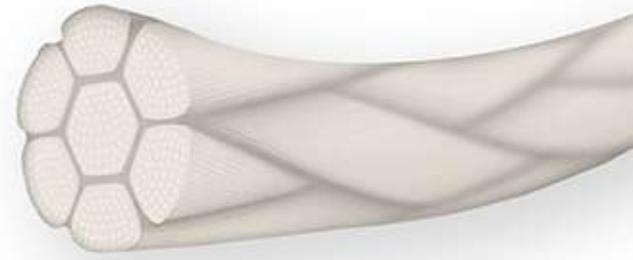


igorb

Synthetic Absorbable Polyglycolic Acid, Coated, Braided, Surgical Suture

Composition	Polyglycolic Acid
Construction	Braided
Coating	Polycaprolactone and Calcium Stearate
In Vitro retention of strength	65% at 2 weeks
Tissue Reaction	Non-antigenic, non-pyrogenic and elicits only a mild tissue reaction during the absorption process
Absorption Time	Completely absorbed in 60-90 days
Strelization	Ethylene Oxide
Color	Violet and Undyed
Applications	General closure, Ophthalmic, Cardiovascular, Orthopedics, obstetrics/ gynecology and Gastrointestinal Tract Surgery

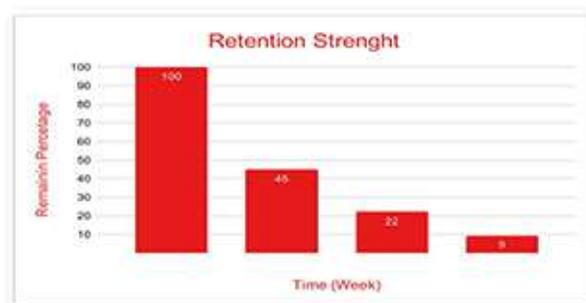




igorb fast

Synthetic Absorbable Surgical Suture 90% Glycoside and 10% L-lactide fast, Coated, Braided

Composition	90% Glycoside and 10% L-lactide
Construction	Braided
Coating	Calcium stearate and 30:70 poly (glycoside- co-L-lactide)
In Vitro retention of strength	45% at 1 week
Tissue Reaction	Non-antigenic, non-pyrogenic and elicits only a mild tissue reaction during the absorption process
Absorption Time	Completely absorbed in 60-90 days
Strelization	Ethylene Oxide
Color	Undyed
Applications	Gynecology/Obstetric procedures, Urology procedures, Ophthalmic procedures, Odontology procedures, Skin closure, Ligatures
Features	Soft and smooth passage through the tissue. Knot pull strength and needle attachment strength much more than USP limits

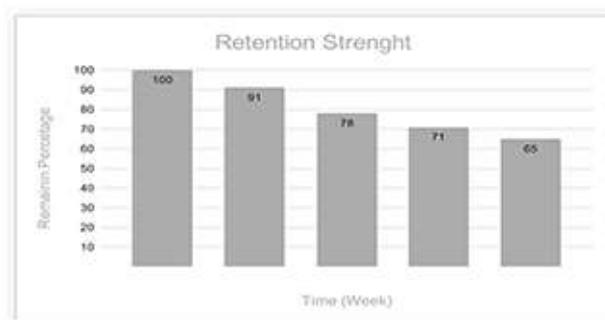


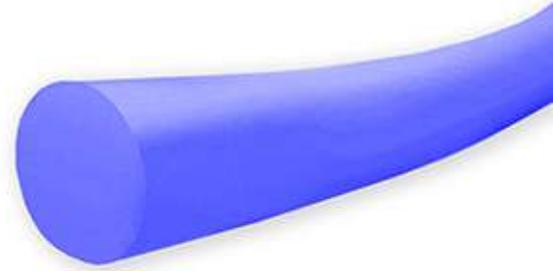


ixone

Synthetic Absorbable Surgical Suture Polydioxanone (PDO), Monofilament

Composition	Polydioxanone
Construction	Monofilament
In Vitro retention of strength	Retention more than 65% of tensile strength at 14 days of implantation.
Tissue Reaction	on-antigenic, non-pyrogenic and elicits only a mild tissue reaction during the absorption process
Absorption Time	Completely absorbed in 180-210 days
Strelization	Ethylene Oxide
Color	Violet
Applications	Ideal suture for use in general orthopedic surgery, gastro intestinal tract, sheath closure, pediatric cardiovascular surgery and general surgery
Features	Soft and smooth passage through the tissue. Knot pull strength and needle attachment strength much more than USP limits





ilene

Synthetic Nonabsorbable Surgical Suture, Polypropylene, Monofilament

Composition

Polypropylene

Construction

Monofilament

Strelization

Ethylene Oxide

Color

Blue

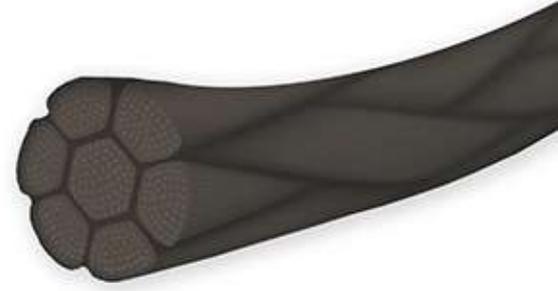
Applications

General closure, Ophthalmic, Orthopedic, Plastic Surgery

Features

Knot pull strength and needle attachment strength much more than USP limits





iSuture

Black Braided Silk, Nonabsorbable Surgical Suture

Composition	Black Braided Silk
Construction	Monofilament
Coating	Wax
Strelization	Ethylene Oxide
Color	Black
Applications	General closure, G. I. Tract, Plastic, Skin Surgeries. Widely used as ligature
Features	Coated with wax to allow easy passage through tissue, limit absorption and increase ductility. Knot pull strength and needle at attachment strength much more than USP limits





igon

Synthetic Nonabsorbable Polyamide, Monofilament, Surgical Suture

Composition

Polyamide

Construction

Monofilament

Strelization

Ethylene Oxide

Color

Black

Applications

General closure, Skin and Plastic Surgery

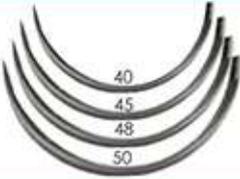
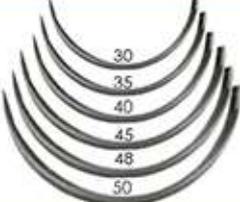
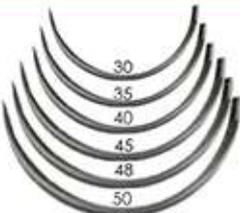
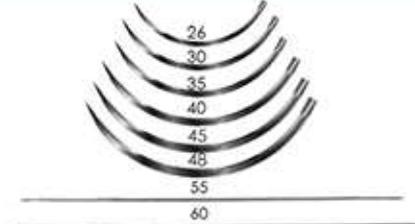
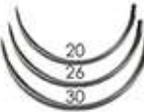
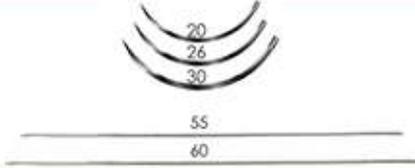
Features

Being monofilament, igon is remarkably smooth and gives excellent knot security. Possesses good tensile strength. Easy removal with no tissue adherence. Ideal for use in skin closures.



Needle Sizes and Types

Double Needle, Without Needle, Loop Sutures are available.
All other Sizes are available upon request

Size	Round 	Cutting 
2		
1		
0		
2-0		
3-0		
4-0		
5-0		
6-0		



Advanced Needle Technology



Round Body, Taper Point



Square Body, Taper Point



Blunt



Inside Cutting



Reverse Cutting



Trocar



Diamond



Spatula



Lancet



CC Needle



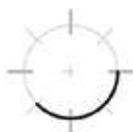
Square Body Tappercutting



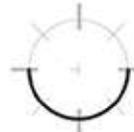
Tappercutting



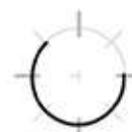
Straight (aka: Keith): Skin Closure



3/8 Circle: Skin Closure, Ophthalmic



1/2 Circle: Skin Closure, GI, Cardiovascular, Ophthalmic



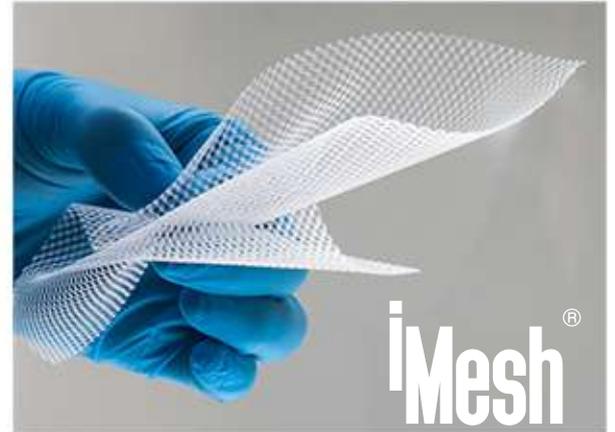
5/8 Circle: Robotics and Laparoscopic





iMesh

Polypropylene Mesh



Macroporous

Macroporous open pore structure promoting maximum integration

Thin

Thin wall structure with less material for reducing scar tissue build up and minimizing patient discomfort

Uniformly strong

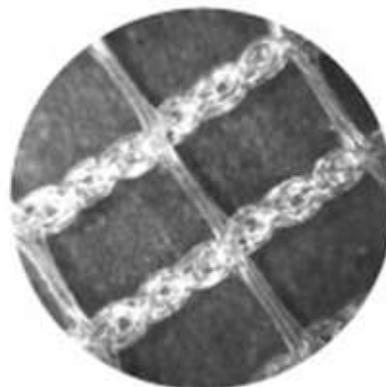
Strong and durable PP material maintains consistent levels of strength while avoiding the problems associated with composite meshes

Transparent

Transparent open pore structure facilitating fast incorporation and visualization of underlying tissue structures

iMesh Polypropylene

iMesh Macroporous Polypropylene Surgical Mesh is an implant suitable for different types of fascial defects. iMesh provides the favorable ingrowth and healed-strength characteristics of a large-pore monofilament polypropylene mesh with optimized handling and biocompatibility attributes in one high-performance implant of polypropylene (PP).





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Bublic free zone
Ismaila - Egypt

