PRODUCTS 2021 CATALOGUE



Suiture

WWW.MEDICAL-ICO.COM

ABOUT ELDAVLIA



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 divarication. 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.









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TOTAL THE REST OF THE PARTY.

Conventional

Auto disable

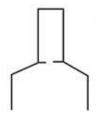
Auto disable syringes are distinguished by the fact that they cannot be reused: following injection, the syringe is automatically blocked, thus becoming unusable. Conventional syringes are available with and without an attached needle. Syringe-needle combinations feature a clear barrel with a bold scale.



3 ml

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



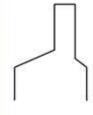
Luer slip tip

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



Eccentric leur slip tip

The eccentric luer slip tip is generally used for venipunctures and aspiration-al 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

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.



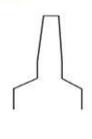
1 ml

Insulin Ordinary Syringe

28G x 1/2

Feeding Catheter Tip

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





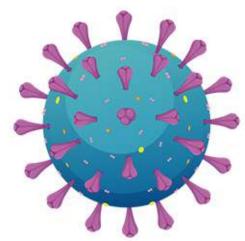
50 ml

Ordinary Syringe with tip catheter

18G x 1 1/2

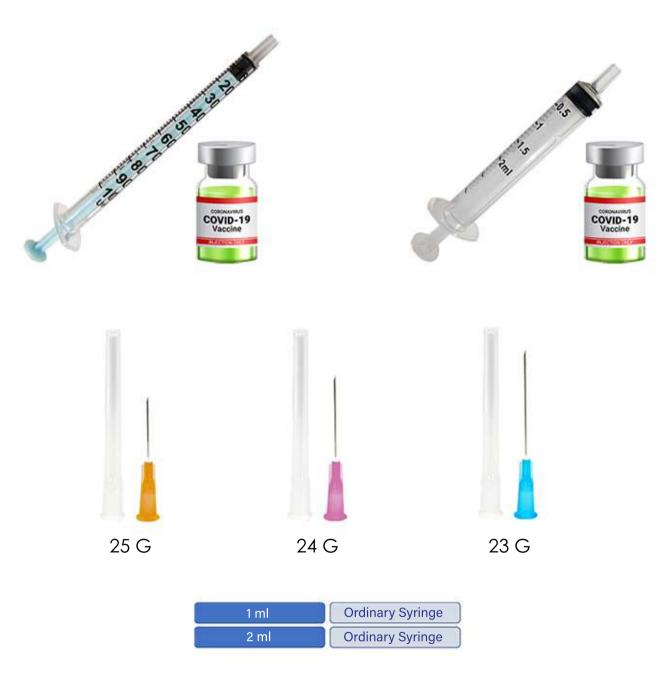
Other Needle Sizes are available





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



Other needle sizes are available









- · 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







- 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







- 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

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



6 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











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

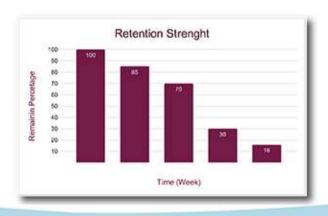
Ethylene Oxide

Color

Violet and Undyed

Applications

General closure, Ophthalmic, Cardiovascular, Orthopedics, obstetrics/ gynecology and Gastrointestinal Tract Surgery







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 Soft and smooth passage through the tissue. Knot pull strength and needle attachment strength much more than USP limits

Features









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

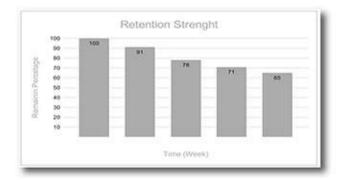
Applications

Features

Ideal suture for use in general orthopedic surgery, gastro intestinal tract, sheath closure, pediatric cardiovascular surgery and general surgery

Soft and smooth passage through the tissue.

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









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





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

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





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, ilon 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

	i i	
Size	Round 💿	Cutting
2	40 45 48 50	40 45 45 50
1	30 35 40 45 48 50	30 35 40 45 48 50
0	30 35 40 45 48 50	30 35 40 45 48 50
2-0	26 30 35 40 45 48	26 30 35 40 45 48 55 60
3-0	200	20 26 30 55 60
4-0	16 18	16 18 20
5-0		13/
6-0	10	13/



Advanced Needle Technology





Round Body, Taper Point



Inside Cutting





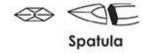




Square Body, Taper Point



Reverse Cutting







3/8 Circle: Skin Clasure, Ophthalmic



1/2 Circle: Skin Closure, GJ. Cardiovascular, Ochthalm



Blunt



Trocar





Tappercutting



5/8 Circle: Robotics and Lanaranconic





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

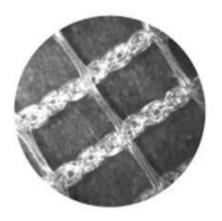
Strong and durable PP material maintains consistent levels of strength while avoiding the problems associated with composite meshes

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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