

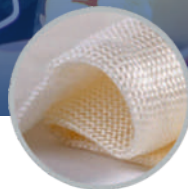
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AEGIS LIFESCIENCES

PROTECTION THROUGH PERFECTION



Surgi-ORC[®]

Absorbable Haemostat
(Oxidized Regenerated Cellulose)



Surgi-ORC®

Absorbable Haemostat (Oxidized Regenerated Cellulose)

Surgi-ORC® is a natural, plant based Absorbable Haemostat, made up of Oxidized Regenerated Cellulose designed to stop capillary, venous and small arteriolar bleeding, when ligation and other conventional procedures are either ineffective or impractical.



Surgi-ORC® Absorbable Haemostat: Features and Benefits

- Rapid Action: Haemostasis within 3-4 minutes
- Absorbable: Completely absorbable
- Biocompatible: No tissue reactions
- Antibacterial: Low pH leads to the bactericidal effect
- Adaptable: Can be cut into any desired dimension without fraying and applicable to various tissue thicknesses and surgery sites
- Easy to Use: Highly flexible and drapable; can be sutured
- Ready to Use: Applied, laid on, held against or wrapped around the bleeding surface in dry form
- Safer: No animal origin or collagen substances
- Compliance: Compliance with United States Pharmacopoeia.



Why to use Surgi-ORC®

- The plant based natural cellulose dissolved and extruded as a continuous fiber (regeneration). The fabric made from these fibers has uniform chemical composition. The oxidized form of these fabrics shows high stability and fluid absorption, when compared with cotton-based products
- Surgi-ORC® Absorbable Haemostat is a sterile product made up of oxidized regenerated cellulose (polyoxyan hydro glucuronic acid)
- Surgi-ORC® Absorbable Haemostat has no animal or collagen additive substances and can be sutured and cut without any wear.



Haemostatic mechanism:

The mechanism of action of Surgi-ORC® is independent from the blood coagulation mechanism of the body. Surgi-ORC® absorbs the blood and forms a brown/black gelatinous mass, which aids clot formation at the site of application.

This gelatinous mass acts as a physical matrix for the platelets adherence. Platelets aggregation leads to the formation of a platelet-fibrin plug, hence, Haemostasis.



How Does Surgi-ORC® Work?

Oxidized Regenerated Cellulose (ORC) absorbs blood and becomes a gel covering the site of vessel injury



Creates an area of low pH causing localized vasoconstriction



Provides a matrix for platelet adhesion, accelerating the formation of the platelet plug that will form the foundation of the fibrin clot

Where to Use :

- Cardiovascular Surgery
- Cardiothoracic Surgery
- Neurosurgery
- General Surgery
- Obstetrics Surgery
- Gynaecology Surgery
- Urologic Surgery
- Orthopaedic Surgery
- Plastic Surgery
- ENT Surgery
- Dental Surgery

Application:

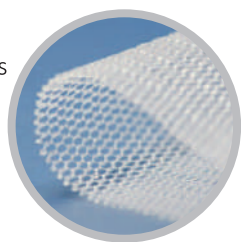
Applying Surgi-ORC® is very simple, fast and safe. The haemostatic reticulum can be applied directly onto the dried bleeding area or organ. It acts locally and stops bleeding usually within 3-4 minutes, depending on the type of surgery and the intensity of bleeding.

The product can either be applied to the required area by gentle pressure, attaching it with a stitch, sewing it onto a tissue or an organ or it can be used as a form of tamponade.

Surgi-ORC® Original/Standard, Surgi-ORC® Fibril, Surgi-ORC® Knit and Surgi-ORC® Non-Woven/SNOW haemostats are white or pale yellow in color and can be cut into desired sizes for different surgeries. Surgi-ORC® Absorbable Haemostats are fully absorbable with minimum tissue reaction.

Surgi-ORC® Original/Standard

- Plant based cellulose
- Fine weave of ORC
- Haemostasis within 3-4 minutes
- Completely absorbable
- Bactericidal properties
- Can be cut without fraying
- High flexibility and drapeability.



Surgi-ORC® Fibril

- Tufts of soft, light weight ORC
- Activates on larger surfaces
- Superior handling characteristics
- Completely absorbable
- Bactericidal properties
- 7 layers fibrillose fabric
- Useful on irregular surfaces like in Orthopaedic, Cardiovascular, Neuro and Vascular Surgeries.



Surgi-ORC® Knit

- Denser weave of ORC for heavier bleeding
- Haemostasis within 3-4 minutes
- Completely absorbable
- Bactericidal properties
- Can be cut without fraying
- Density suitable for suturing
- Laparoscopic compatibility
- Diffuse organ bleeding
- Transplant procedures.



Surgi-ORC® Non-Woven/SNOW

- Nonwoven design increases contact surface
- Needle punched with interlocking fibres
- Maximized effect and superior handling
- Easy use in open and minimally invasive procedures
- Useful in Urology, Gynaecology, Cardiovascular, General and Peripheral Vascular Surgeries.



Ordering Information

Product ID	Dimensions (inch)	Dimensions (cm)	No. of Pieces Per Box
Surgi-ORC® Original/Standard			
SOO-0214	2X14	5.1x35.6	12
SOO-0408	4X8	10.2x20.3	12
SOO-0203	2X3	5.1x7.6	12
SOO-502	0.5X2	1.3x5.1	12
Surgi-ORC® Knit			
SOK-0203	2X3	5.1x7.6	12
SOK-0304	3X4	7.6x10.2	12
SOK-0609	6X9	15.2X22.9	12
SOK-0101	1X1	2.5X2.5	12
SOK-0103	1X3	2.5X7.6	12
SOK-0135	1X3.5	2.5X8.9	12
Surgi-ORC® Fibril			
SOF-0102	1X2	2.5X5.1	12
SOF-0204	2X4	5.1X10.2	12
SOF-0404	4X4	10.2X10.2	12
Surgi-ORC® Non-Woven/SNOW			
SON-0102	1X2	2.5X5.1	12
SON-0204	2X4	5.1X10.2	12
SON-0404	4X4	10.2X10.2	12

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AEGIS LIFESCIENCES PVT. LTD.

215/216, Mahagujarat Estate, Gam : Moraiya,
Tal. Sanand, Dist.: Ahmedabad-382213.

WC3P+RM Changodar, Gujarat, India

+91 9512503131 +91 9512603131

marketing1@aegis-lifesciences.com | aegis.lifesciences@gmail.com



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WEBSITE

www.aegis-lifesciences.com