SINGCLEAN

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Quickclean

CE 2460

MPH Absorbable Hemostatic Particles

- Plant Based
- 100% Absorbable
- Safe
- Effective
- Easy to Use



Singclean Medical

Quickclean / Patented Hemostatic Technology

Quickclean MPH Absorbable Hemostatic Particles

Quickclean Microporous Polysaccharide Hemospheres (MPH) Absorbable Hemostatic Particles are prepared with potato starch as raw material using the emulsification and crosslinking technology. It can absorb and lock water several times over weighting themselves instantly to form gels with hydrophilic molecular sieve properties.

Introduction

Quickclean MPH Absorbable Hemostatic Particles is applied to surgical wound site as an absorbable hemostat to stop bleeding in capillary, vein and small arteries when conventional procedures like ligature, pressure are ineffective.

Quickclean can successfully stop bleeding in seconds. Specific time is dependent on the amount applied and the site being treated.



Quickclean Safe / Effective / Easy to Use

100% Plant Based

No components of animal or human origin, reducing the risks of foreign body reaction and infection

No Residue

Quickclean will be degraded into maltose and glucose by amylase and a-glucoside, and finally become water and carbon dioxide. It can be fully absorbed within 14 days.

Double

hemostasis-mechanical plugging, accelerate endogenous clotting mechanism

Dual Action Mechanism

Ultra-hydrophilic nature enhances and accelerates the clotting cascade, coupled with the formation of a gelledmatrix, which forms a mechanical barrier to bleeding

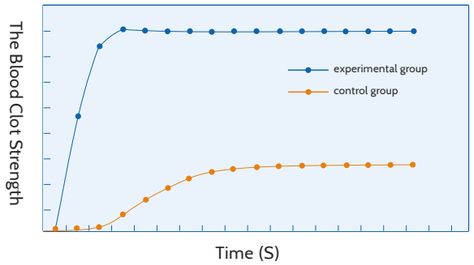
Easy

Easy to apply to various irregular and complex wound

No

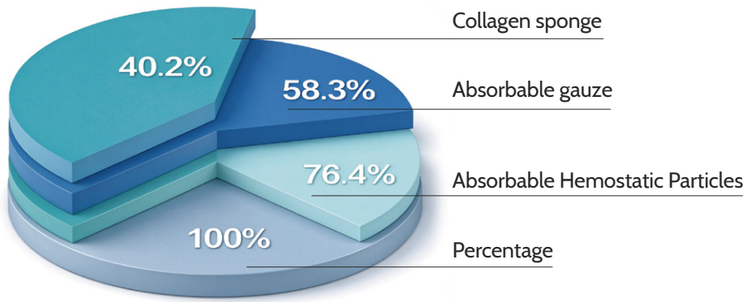
prep or special storage requirements-ease of use

Blood clot strength is 2-3 times as physiological blood clot



Data Comparison to Reach the Highest Blood Clot Strength		
Group	Time Required (S)	Blood Clot StrengthMA Value(mm)
Experimental Group	3	68±17
Control Group	10	27±15

Success Rate of Hemostasis in 3 Mins is Higher Than Other Hemostats



Dosage

Maximum dosage shall not exceed 5g per person each time.

Shelf Life

3 years.

Quickclean Model No.

Brand	Specifications	Model NO.
Quickclean®	0.5g/piece	MPH-QC-0.5
	1.0g/piece	MPH-QC-1.0
	2.0g/piece	MPH-QC-2.0
	3.0g/piece	MPH-QC-3.0
	5.0g/piece	MPH-QC-5.0

Fields of Application

Cardiovascular surgery | Thoracic surgery | Hepatobiliary surgery | Bone surgery | General surgery | Burn surgery | Plastic surgery | Cosmetic surgery | ENT surgery



Adrenal Tumor Resection Surgery



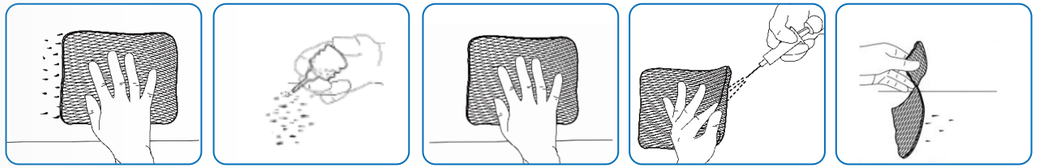
Surgery for Esophageal Cancer

Tips

(1)Dosage:
Generally each gram Quickclean hemostatic powder can treat 15cm² surgery wound place, average thickness 1mm.

(2)For bleeding and reducingpostoperative drainage,clean the postoperativewound fluid, spray theQuickclean in small amountand evenly according to thesurgery closing levels andsequence.

Application Technique: 5 Easy Steps



Step 1-Clean

Clean the wound by using aseptic sponge or gauze to expose the hemorrhagic sites.

Step 2-Apply

Apply Quickclean® powder to the bleeding site immediately.

Step 3-Press

Press on the wound with a dry gauze for 1-3 minutes.

Step 4-Irrigate

Irrigate saline to moisten gauze.

Step 5-Remove

Remove the gauze to complete hemostasis. If bleeding or oozing continues, repeat the above methods.

Dosage: Usually, each gram of Quickclean® cant reat 15cm² surgical wound, with an average thickness of 1 mm.

Quickclean / Patented Hemostatic Technology

Quickclean Innovative Delivery System



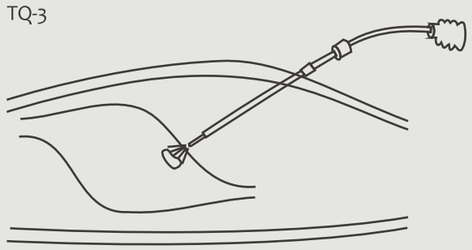
Quickclean innovative applicators are made of medical polymer materials and have good biocompatibility, can provide smooth and precise delivery of the Quickclean MPH Absorbable Hemostatic Particles to bleeding surgical sites.

TQ-1 (14cm tube length, CE mark) and TQ-2 (38cm tube length, CE mark) are designed for open surgical procedures or endoscopic/laparoscopic surgical procedures.

TQ-3 (25cm tube length) and TQ-4 (2m catheter length, CE mark) are dedicated applicators for endoscopic/laparoscopic surgical procedures.

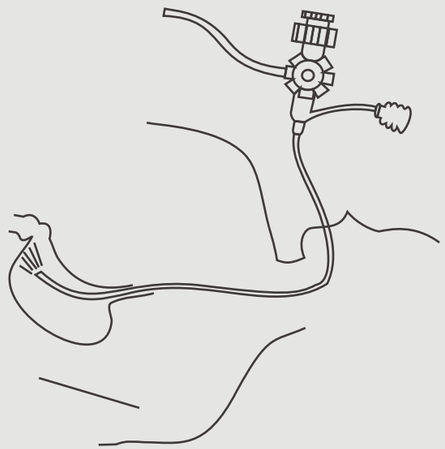


TQ-3





TQ-4



Certificate and Global Network

Quickclean MPH Absorbable Hemostatic Particles and Applicator obtained a patent certificate issued by State Intellectual Property Office of China respectively in 20o6 and 2014. The Absorbable Hemostatic Particles, honoredas "Zhejiang High-Quality Manufactured Products" and "Zhejiang Excellent Industrial Products", got the IngenuityAward in China Manufacturing Excellence & Innovation Awards 2019.

Quickclean is CE marked and registered in many major international markets, like Korea, Mexico, Peru and Panama.

Applicator Model No.

Product	Specification	Model No.
MPH Absorbable Hemostatic Particles Applicator(TQ-1)	TQ-1 (14 cm tube length)	APL-TQ-1
MPH Absorbable Hemostatic Particles Applicator(TQ-2)	TQ-2 (38 cm tube length)	APL-TQ-2
MPH Absorbable Hemostatic Particles Applicator(TQ-3)	TQ-3 (25 cm tube length)	APL-TQ-3
MPH Absorbable Hemostatic Particles Applicator(TQ-4)	TQ-4 (2m tube length)	APL-TQ-4

