

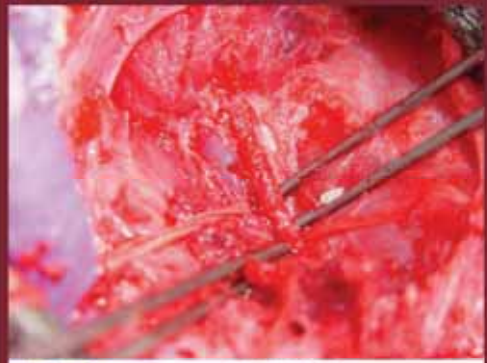
**CELOX™**



*Hemostatik Ajan*



*Yaşama Bağlayan Saniyeler Azalırken...*



CELOX, 1965 yılından itibaren sürdürülmekte olan hemostatik ajanlar alanında, ölümcül arter/ven kanama modellerinde bilimsel olarak ispatlanmış ve fiyat etkinlik/ekonomik anlamında varılmış en son noktadır. Hemostatik biyopolimer granüler ürün, chitosan karbonhidrat (polysaccharide) yapısı içeren poly-n-glucosamine türevidir. Chitosan, ağırlıklı olarak yosun, deniz böceği, deniz mantarı, vb doğadan elde edilen karbonhidrat yapılı chitin'den moleküler saflaştırma ile üretilir. FDA tarafından 1990'lı yıllarda GRAS (Güvenilir Madde) olarak tanımlanmıştır. Bu etken madde üzerine yüzlerce bilimsel çalışma mevcuttur. Ülkemizde de birçok çalışma yapılmış ve yapılmaktadır.

Moleküler yapısı artı yüklü olan CELOX kanı yoğunlaştırır. Elektromanyetik alan yaratır ve eksi yüklü eritrositleri çapraz bağlayarak koagülasyonu sağlar. Doğal koagülasyon kaskadından bağımsız olarak gerçekleştirir. Plateletleri aktive eder, alfa ve çeşitli büyüme faktörlerinin ortamına salınmasını sağlar, diferansiye olmamış hücreleri hasarlanmış bölgeye çağırır ve onların mitozunu stimüle eder. Yarattığı aseptik ortamda eritrosit bariyeri ve trombosit jeller hemostatik dengeli sağlar. Doğal olog platelet konsantrasyonunu tek hemostatik ajandır. CELOX bağımsız pıhtı mekanizması, vücut ısısının yukarı veya aşağı doğru uç değerlere ulaşmasından etkilenmez. Elektromanyetik etkisiyle aseptik ortam yaratır. Trombojenik değildir. Kan dolaşımına karışmayacak bir yapıdadır.

Antikoagülant (heparin, coumodin, vs) kullananların hafif ya da şiddetli arterial/venöz kanamalarında hızla koagülasyonun sağlanmasına yardımcı olur. Isı üretmez ve toksik değildir, hipoalerjik ve doğal anti bakteriyel, anti fungal ve anti mikrobiktir. Serum fizyolojik ve aspirasyon yardımıyla kolaylıkla temizlenir. Vücut içinde kalan bir kaç gram granül çok kısa sürede absorbe olur. Damarı çik takviye sıvıların basıncı ikincil kanama yapmaz. Zaman kaybından kanama ölümlerini azaltır. Aseptik ortam ve güçlü koagülasyon ile yapılan müdahalenin daha verimli olmasını sağlar.

## Ölümcül Femoral Arter/Ven Kanamasını ortalama durdurma süresi:

Bütün hemorajinin koagülasyonu:	30,5 sn.
Anti koagulantlı kanın koagülasyonu:	22 sn.
Hipotermide (18,5 C) koagülasyon:	20 sn.
180 dakika süresince tekrar kanama:	%0*
180 dakika sonrasında hayatta kalma:	%100*



## Resmi Onayları

**FDA,**  
**CE Sınıf III,**  
**UBB Onaylı,**  
**Sağlık Uygulama Tebliği - Ek 5A,**  
**GATA Raporlu**  
**NATO Stok numaralı**

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## AVANTAJLARI

Isı üretmez

Hipotermik ortamda sonuç verir

Antikoagülanlı kanda sonuç verir

Alerjik reaksiyon oluşturmaz (protein, mineral ve lipidler arındırılmıştır)

Yumuşak dokuları tahriş etmez

Yerleştirme sorunu yoktur

Serum fizyolojikle şekil verilebilir

Anti bakteriyeldir

Anti fungaldır

Anti mikrobiktir

Özel saklama koşulu gerektirmez (-25c/+80c)

Uygulamada özel eğitim gerektirmez

Nemli ortamlarda kullanılabilir

Raf ömrü 3 yıldır

Ambalajı su geçirmez, delinmez ve darbeye dayanıklıdır

Sterildir

Güvenli ve ekonomiktir

Solunum ve yutulma durumlarında güvenlidir

Tek elle bile uygulanabilir

Aktif maddenin herhangi bir yan etkisi gözlemlenmemiştir



### Ticari Takdim Şekilleri

Celox 2gr

Celox 15 gr

Celox 35gr

Celox Aplikatör

Celox Bandaj

Celox D Çözülür Torba



### Uygulama

CELOX kanamalı bölgeye dökülür.

Steril gazlı bezle bölgeye yapılacak kompres ile koagülasyon sağlanır.

Jelleşmiş pıhtı serum fizyolojik ile rahatlıkla çıkartılır.



# CELOX™

YAŞAMA BAĞLAYAN SANİYELER AZALIRKEN...



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