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ankaferd  
**BLOOD** STOPPER  
Haemostatic Agent



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**BLOODSTOPPER**<sup>®</sup>  
Haemostatic Agent



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Wet Tampon, Absorbable Wet Tampon,  
Push&stop Tampon, Ampule, Spray

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**BLOODSTOPPER**<sup>®</sup>  
Haemostatic Agent



• TAMPON

- 3 ml. (2,5 cm.x 7 cm.) / 1 box x 12 units
- 5 ml. (5 cm.x 5cm.) / 1 box x 12 units
- 10 ml. (5 cm.x 7,5 cm.) / 1 box x 12 units
- 100 ml. (20 cm.x 20 cm.) / 1 box x 12 units

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● **ABSORBABLE WET TAMPON**

- 0,5 ml. (1 cm. x 2,5 cm.) / 1 box x 1 unit
- 1 ml. (2 cm. x 2,5 cm.) / 1 box x 1 unit
- 2,5 ml. (2,5 cm. x 5 cm.) / 1 box x 1 unit
- 5 ml. (5 cm. x 5 cm. ) / 1 box x 1 unit
- 10 ml. (5 cm. x 10 cm.) / 1 box x 1 unit

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● **PUSH&STOP**

- 2 ml. (15 cm. x 15 cm.) / 1 box x 6 unit
- 3,5 ml. (18 cm. x 22 cm.) / 1 box x 6 unit

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• SPRAY

• 5 ml • 10 ml • 25 ml • 50 ml • 100 ml

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• AMPULE  
24 units - 1 box



# ankaferd BLOODSTOPPER®

Haemostatic Agent

## Ankaferd BloodStopper (ABS) links to life...

Hailed as the discovery of the century in hemorrhage control, Ankaferd BloodStopper is a stable and sterile medical product of standard vegetable content which serves as a haemostasis regulator and displays fast haemostatic effect when applied to control minor or major hemorrhages due to exterior wounds, traumatic cuts, dental operations, spontaneous or surgical procedures.



## Formula

100 ml product contains; *Urtica dioica* (dried root extract) 6 mg, *Vitis vinifera* (dried leaf extract) 8 mg, *Glycyrrhiza glabra* (dried leaf extract) 9 mg, *Alpinia officinarum* (dried leaf extract) 7 mg, *Thymus vulgaris* (dried grass extract) 5 mg.

## Effective Mechanism

Independent of the classic coagulation cascade system, Ankaferd BloodStopper shows haemostatic effect in a protein network environment through vital physiological erythrocyte aggregation. This process takes place in a matter of split seconds in vitro and seconds in vivo environments.



## Medical Properties

Ankaferd BloodStopper, a hemorrhage stopping preparation, forms a network inside plasma or serum fast (in a matter of split seconds). General haemostatic and biochemical tests have shown that the mentioned network is formed via the interaction between Ankaferd BloodStopper and proteins in blood; but primarily via the products interaction with fibrinogen. The tests also show that red spheres provide vital aggregation. At this stage, the process of holding hemorrhage at a certain level to allow tissue repair/restoration is primarily related with protein erythrocyte interaction. Blood cells too take their part in the network. Independent of the physiological haemostatic process tissue factor related to blood coagulation, Ankaferd BloodStopper, develops without effecting this system. Therefore Ankaferd BloodStopper is not only effective on patients with normal haemostatic values, but also on those who are primary and secondary haemostasis defective. Ankaferd BloodStopper can be employed as an aide product in clinique procedures for stopping intensive dental hemorrhaging, including mucousal fissures. Ankaferd BloodStopper must not be injected into vein or blood circulation system.

## Ankaferd BloodStopper can be used in many areas

Ambulances, emergency wards, first aid centres, hospitals, dental clinics, health units, police forces, armed forces, fire departments, natural disaster zones, search and rescue teams, first aid kits, schools, homes, offices, land/air/sea transport vehicles...

## Ankaferd BloodStopper provides fast haemostasis, independent of blood coagulation factors

Ankaferd BloodStopper is effective and safe in controlling external and teeth hemorrhage of patients hemophilic, diabetic and those using anti coagulan (Coumadin) and anti aggregator (Aspirin, Heparin).



## Ankaferd BloodStopper

- is the first Turkish product officially licensed by the Turkish Ministry of Health
- is 100% vegetal and contains no inorganic/synthetic additives and alcohol
- does not cause irritation
- is sterile and will not lose this property
- does away with germs inside and around applied area
- has no allergic effect
- does not pose a risk to human health
- is in liquid form, therefore very easy to apply
- does not need to be cleaned off the area applied
- has no special storage condition, does not need cold chain etc

## Side/Adverse Effects

Ankaferd BloodStopper has no known side effect. If an undesired effect is seen contact Türkiye Farmakovijilans Merkezi (Pharmacovigilance Centre of Turkey) [TÜFAM].

## Drug Interaction and Other Interactions

- Ankaferd BloodStopper has no known adverse interaction with drugs used by patients
- Hypoallergenic.

## Commercial Presentation Form

Ankaferd BloodStopper is currently on sale in the following packages:

Ankaferd BloodStopper Tampon: (2.5cm x 7cm – 3ml.)-(5cm x 7,5cm- 10ml.)-(20cm x 20cm -100ml.)  
Ankaferd Tampons in a box.

Ankaferd BloodStopper Spray: 5ml, 10ml, 25ml, 50ml and 100ml.

Ankaferd BloodStopper Ampule: (24 units)



Permit Date and Number: 25.05.07-2007/32 • 05.07.07-2007/31 • 31.05.07-2007/35

Ref: Haemostatic Actions Of The Folkloric Medicinal Plant Extract, Ankaferd Blood Stopper. J Int Med Res. (2008, Jan.) H Göker, IC Haznedaroğlu, S Erçetin, S Kirazlı, U Akman, Y Öztürk, HC Firat.

# USAGE AREAS OF ANKAFERD BLOODSTOPPER

## GENERAL SURGERY

- All gastrointestinal (esophagus, stomach, liver, gallbladder, pancreas, small bowel, colon, appendix) operations
- All endoscopic and colonoscopic procedures
- Thyroid surgeries
- Breast surgery
- Circumcision
- Hernia operations
- Hemorrhoidectomy

## GASTROENTEROLOGY

- Upper and lower gastrointestinal system (GIS) bleeding control
- All endoscopic and colonoscopic procedures

## GYNAECOLOGY & OBSTETRICS

- Atony bleeding
- Caesarean section
- Hysterectomy
- Endometriosis and other gynecological mass surgeries
- Oncological surgeries and pelvic floor surgery

## EMERGENCY USE

- Thoracic injuries
- Extremity injuries
- Bleeding control in trauma patients using Heparin, Aspirin, Warfarin
- Bleeding control in patients with bleeding-coagulation disorders
- Challenging and uncontrollable bleeding

## THORACIC SURGERY

- Thoracic injuries
- Pulmonary lobectomy-wedge resections
- Mediastinal mass-tumor surgeries and all other mediastinal operations

## UROLOGY

- Scrotal orchiopexy, varicocele and all scrotal surgeries (mass, tumor, etc.)
- Open and closed prostate surgeries
- Bladder operations

## PULMONOLOGY

- Bronchoscopy

## CARDIOVASCULAR SURGERY

- All open and closed heart operations
- Coronary bypass surgery
- Heart valve surgeries
- Major vessel surgeries (aneurysm, dissection)
- Varicose and peripheral artery surgeries

## ENT (OTOLARYNGOLOGY)

- All head and neck surgery operations (neck dissection, tumor-mass removal)
- All intraoral surgeries and tonsillectomy
- Rhinoplasty
- Epistaxis

## ORTHOPEDICS AND TRAUMATOLOGY

- All orthopedic trauma, arthroplasty and revision surgeries
- Spinal surgery
- Hand-foot surgery and orthopedic oncology surgeries

## DENTAL USAGE AREAS

- Complicated or normal tooth extraction operations
- Bleeding during and after implantation procedures
- Cyst operations
- Control of bleeding during deterrage, curettage, gingivectomy, gingivoplasty procedures
- All other intraoral dental operations
- In order to accelerate healing in patients with systematic diseases in which wound healing is thought to be delayed,
- Intraoral operations in patients using Heparin, Aspirin, Warfarin
- Diabetes, Hemophilia, Von Willebrand etc. Intraoral operations of bleeding diathesis patients

## NEPHROLOGY

- Arterial and vein bleeding due to dialysis

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