

# ChitoTech Products

 **ChitoTech**  
Advanced Wound Care  
and Hemostat Mfg. Co.

CE 0044  
ISO 13485  
ISO 9001

# Introduction

ChitoTech was developed from a research facility to study natural biopolymers and their applications in medicine. The manufacturing site of the company was established in 2004. It is the first company in the Middle East producing antiseptic solutions based on nanosilver, advanced wound care and hemostatic products. ChitoTech products have the approval of Ministry of Health as well as CE, ISO13485, ISO 9001 certificates. Our biological wound care has patents from Denmark, France, Germany, Ireland (No1246650) and from England (No GB2358354). ChitoTech wound care products are suitable for a wide range of ulcers and burn wounds. Hemostatic products of ChitoTech are in different forms and are suitable for stopping venous and arterial bleedings.

## **Products :**

- Antiseptics
- Hemostatic products
- Wound Healing products
- Secondary dressings
- First Aid

# Antiseptics

## **Introduction:**

SilvoSept antiseptic solutions are a novel class of non - alcoholic antiseptics using nanocolloidal silver technology. They are effective against a wide range of pathogens including bacteria, viruses and fungus.

## **Mechanism of action:**

Silver nanoparticles are potent and broad-spectrum antimicrobial agents due to their extremely large surface area, which provides better contact with microorganisms. The nanoparticles get attached to the cell membrane and also penetrates inside the bacteria . Silver nanoparticles interact with proteins in the cell wall and also attack the respiratory chain, paralyzing cell division finally leading to cell death.

## **Features& benefits**

- A novel non-alcoholic antiseptic solutions using nano silver technology.
- Eliminates a wide range of pathogenic bacteria, viruses particularly HIV and HB, and fungus including Candida albicans.
- No alcohol is used in these products thus preventing burning and stinging sensation in wound and dryness of skin in general.
- Unlike most antiseptic solutions there is no bad odor.
- It is colorless and leaves no stain.

## **Products:**

- SilvoSept Wound & SilvoSept Burn
- SilvoSept for Prep & SilvoSept Suitable Prior to Injection
- SilvoSept Hand Wash & SilvoSept Hand Foam
- SilvoSept Surface and Floor Disinfectant
- SilvoSept Tools and Instrument Disinfectant & Dental Instrument Disinfectant
- Caspia Foam

# SilvoSept Hand Wash & SilvoSept Hand Foam

## Description:

### SilvoSept Hand Wash:

Odorless solution for hand scrub in hospitals and general public.

### SilvoSept Hand Foam:

Foam for hand hygiene leaving a soft and pleasant feeling and odor.

## Features & benefits:

- No irritation
- No sensitivity
- No toxicity
- Alcohol free
- Colorless
- Prevents skin dryness



1- Place 5 mL of SilvoSept in the palm of left hand, using right elbow.



2- Dip fingertips of right hand in the SilvoSept to decontaminate under nails



1- Apply 3puff of SilvoSept foam in a cupped hand, covering the entire surface.



2- Rub hands palm to palm.



4- By circular movements decontaminate whole skin area.



3- Smear SilvoSept on the right forearm up to the elbow.



4- Rub backs of fingers with fingers interlocked.



3- Put right palm over left dorsum and vice versa.

| Product Name        | Code     | Size mL |
|---------------------|----------|---------|
| SilvoSept Hand Wash | 031450   | 50      |
|                     | 0314500  | 500     |
|                     | 03141000 | 1000    |

| Product Name        | Code   | Size mL |
|---------------------|--------|---------|
| SilvoSept Hand Foam | 031550 | 50      |

# SilvoSept Wound & SilvoSept Burn

## Description:

### SilvoSept wound:

Designed for general purposes and wound irrigation for all types of wound.

### SilvoSept burn:

Antiseptic solution suitable for I, II and III degree burns

## Features& benefits:

- No irritation
- No sensitivity
- No toxicity
- Odorless
- Alcohol free
- Colorless
- Accelerates wound healing



1,2- Apply several puffs of SilvoSept to the affected area. Do not dry after use.

1,2- Apply SilvoSept to the affected area. Repeat the action 2-3 times. Do not dry after use.

| Product Name    | Code    | Size ml |
|-----------------|---------|---------|
| SilvoSept Wound | 031020  | 20      |
|                 | 031050  | 50      |
|                 | 0310100 | 100     |

| Product Name   | Code     | Size ml |
|----------------|----------|---------|
| SilvoSept Burn | 031265   | 65      |
|                | 0312100  | 100     |
|                | 0312500  | 500     |
|                | 03121000 | 1000    |

# SilvoSept for Prep & SilvoSept Suitable Prior to Injection

## Description:

### SilvoSept for prep:

For preparing a patients skin prior to surgeries. This product is colored in order to see the field the solution is used.

### SilvoSept Suitable Prior to Injection:

Suitable for preparing area for injection



## Features & benefits:

### SilvoSept for prep:

- Contains mild color
- No irritation, no toxicity
- Odorless
- Alcohol free

### SilvoSept Suitable Prior to Injection:

- No irritation , no sensitivity, no toxicity
- Odorless
- Alcohol free



1,2- Clean hands with SilvoSept hand wash.



1- Spray the SilvoSept over the area. Do not dry it.



2- Carry on injection by professional health-care staff.



4- Apply SilvoSept for Prep on the field of surgery.



3- Shave any area for surgery.

| Product Name       | Code     | Size mL |
|--------------------|----------|---------|
| SilvoSept for Prep | 0313100  | 100     |
|                    | 03131000 | 1000    |

| Product Name                          | Code    | Size mL |
|---------------------------------------|---------|---------|
| SilvoSept Suitable Prior to Injection | 0311100 | 100     |
|                                       | 0311250 | 250     |

# SilvoSept Surface and Floor, SilvoSept Tools and Instrument & SilvoSept Dental Instrument Disinfectant:

## Description:

**SilvoSept Surface and Floor**

## Disinfectant:

For cleaning surface and floor.

**SilvoSept Tools and Instrument and Dental Instrument**

## Disinfectant:

For cleaning tools and instrument.

## Features& benefits:

- No corrosion effect
- Colorless
- Alcohol free
- Odorless



1,2- Dilute one part of SilvoSept with nine parts of distilled water and dispense in a suitable container.



3- Keep tools and instrument in it for at least 5 min.



1,2- Dilute one part of SilvoSept with nine parts of distilled water and dispense in a suitable container.



3,4- Disinfect desired area according to schedule using a suitable cleaning tool.

| Product Name                                | Code        | Size ml |
|---|-------------|---------|
| SilvoSept Tools and Instrument Disinfectant | 0317100     | 100     |
|   | 03171000Con | 1000    |
|   | 03171000    | 1000    |
| Dental Instrument Disinfectant              | 0322250     | 250     |

| Product Name                             | Code        | Size ml |
|--|-------------|---------|
| SilvoSept Surface and Floor Disinfectant | 0316100     | 100     |
|  | 03161000Con | 1000    |
|  | 03161000    | 1000    |

## Caspia Foam

### Description:

Genital cleaning foam, gently cleanses and soothes irritation and itching.

### Features & benefits:

- Pleasant odor
- No irritation
- No sensitivity
- No toxicity
- Alcohol free
- Colorless
- Skin softener
- No water needed after application



1- place Caspia Foam on a clean tissue paper.



2- Apply to the area. Do not rinse area after use.

| Product Name | Code   | Size mL |
|--------------|--------|---------|
| Caspia Foam  | 031950 | 50      |



# Hemostatic Products

## **Introduction:**

ChitoTech hemostatic products are made of natural cellulosic biopolymers. There are different products including powder, pads, gauze, nose and dental tampons & pliable foam to suit all types of bleedings in any parts of the body.

Depending on the type of products, they can stop arterial, venous and capillary bleedings.

## **Mechanism of action:**

The mechanism of action of ChitoTech hemostatic products are two folds.

On The one hand super absorbent nature of the product causes the blood Serum to be absorbed thus increasing the concentration of blood elements and platelets.

On the other hand the positive and negative charges in the products attract the opposite charges in blood elements thus accelerating clot formation.

## **Products:**

- ChitoHem
- ChitoCell
- HemoGauze
- EpiCell & SuperEpiCell
- DentalCell
- HemoFoam

## ChitoHem

### Description:

ChitoHem is a hemostatic powder derived from natural cellulose. It is suitable for all types of bleeding particularly arterial bleeding.

### Features & benefits:

- Hemostasis of arterial and venous bleedings.
- Readily dissolves in body fluids.
- Reduces the need for blood transfusion.
- Easy to use.
- Non allergic.

### Applications:

- Cardiovascular, Orthopedic ENT and other types of soft tissue surgery.
- Soft Tissue Surgery.
- Angiography.
- Accidents.
- Laparoscopy.
- Coagulopathic disorders including hemophilia, von will brand, etc.



1- Remove the sheath. Place HemoFoam over bleeding site and press it gently for 3 to 5 minutes



2- Fix HemoFoam with ChitoTrans when bleeding has stopped.



1- Clean the bleeding site with sterile gauze.



2- Directly sprinkle the powder on bleeding site.



4- fix with suitable bandage.



3- Gently press the bleeding site for 1-2 min with sterile gauze.

## HemoFoam

### Description:

Hemofoam is soft, foam like hemostatic dressing made of natural biopolymers. It is designed for hemodialysis patients. It stops both arterial and venous bleedings when applied to the site of bleeding. It can be removed easily when hemostasis is achieved.

### Features & benefits

- Rapid hemostasis.
- Easy to use.
- Non allergic

### Application:

Hemodialysis

| Product Name | Code     | Size mm |
|--------------|----------|---------|
| HemoFoam     | 05152020 | 20x20   |
|              | 0515205  | 25      |

| Product Name | Code   | Size g |
|--------------|--------|--------|
| ChitoHem     | 051105 | 0.5    |
|              | 05111  | 1      |
|              | 05113  | 3      |

# EpiCell, SuperEpiCell & DentaCell

## Description:

### EpiCell :

Tampon shape dressing with hemostatic properties for nasal bleeding.

### SuperEpiCell:

Tampon shape dressing with reinforced hemostatic properties for nasal bleeding.

### DentalCell:

Soft & pliable tampon shape dressing with hemostatic properties for dental bleeding.



## Features & benefits:

- Rapid hemostasis.
- Easy and safe to use.
- Made of cellulosic fabric and has a safety thread to pull it out without damaging the nostrils or the dental bleeding site.

## Applications:

### EpiCell :

- Nasal Bleeding

### SuperEpiCell:

- Nasal bleeding especial for coagulopathic disorders (Hemophilia)

### DentalCell:

- Dental Bleeding



1- Place EpiCell into the nasal cavity and push upward slightly, make sure the safety thread is visible.



2- Press the septum of the nose from outside for 1-2 minutes. When bleeding has stopped, pull down EpiCell slowly with the help of safety thread.



1- Place DentalCell over the bleeding site. Press it for 1-2 minutes and leave the tampon for 30 min.



2- When bleeding has stopped, take the DentalCell out using the safety thread.

| Product Name           | Code    | Size <small>mm</small> |
|------------------------|---------|------------------------|
| EpiCell & SuperEpiCell | 0512530 | 5x30                   |
|                        | 0512835 | 8x35                   |
|                        | 0513530 | 5x30                   |
|                        | 0513835 | 8x35                   |

| Product Name | Code     | Size <small>mm</small> |
|--------------|----------|------------------------|
| DentalCell   | 05164040 | 40x40                  |

## ChitoCell

### Description:

ChitoCell is an oxidized regenerated cellulosic polymer with hemostatic properties. This product is suitable for venous bleedings.

### Features & benefits:

- Rapid hemostasis.
- Soft and comfortable therefore suitable for all parts of body.

### Applications:

- All surgeries, anastomosis, tumor beds, neuro-surgeries a plastic surgeries.



## HemoGauze

### Description:

HemoGauze is made of soft and pliable gauze and is suitable for stopping venous and capillary bleeding, and packing the bleeding site.

### Features & benefits:

- Stop venous and capillary bleeding very quickly.
- Soft and comfortable therefore suitable for all parts of body.

### Applications:

- Emergency.
- First aid



1- Clean the area.



2- place ChitoCell on the bleeding site and apply slight pressure secure it with stitches if necessary.



1- Clean the bleeding site with SilvoSept.



2- Take HemoGauze out of package.



4- Make sure bleeding has stopped and bandage it firmly.



3- Place it on the bleeding site, compress directly for a few minutes.

| Product Name | Code       | Size mm |
|--------------|------------|---------|
| ChitoCell    | 05105080   | 50x80   |
|              | 05105035   | 50x35   |
|              | 0510100200 | 100x200 |

| Product Name | Code        | Size mm            |
|--------------|-------------|--------------------|
| HemoGauze    | 05141004005 | 100x400 (5 pieces) |
|              | 0514100400  | 100x400            |

# Wound healing Products

ChitoTech wound heading products are made of natural cellulosic biopolymers. They are biological, moist wound dressing and designed as primary dressing used directly on the wound. They are produced in different forms in order to cover all chronic and acute wound and all grades of wound from superficial to 4<sup>th</sup> degree, infected and cavity wounds. Also the dressings are suitable for burn wounds. The versatility of ChitoTech wound dressings allow their use on contoured and hard to reach body areas including tunneling and cavity wounds.

## **Mechanism of action:**

When there is a wound, the integrity of tissue is compromised and as a result the body defense mechanism is activated.

ChitoTech bioactive wound dressings act as a chemoattractant, enhancing and localizing macrophages, cytokines and other vital micromolecules necessary to start the cascade of healing. By providing a moist environment the relevant biomolecules can migrate to the site of injury easily and in an accelerated manner and as a result the process of healing can start straight away.

## **Products:**

- HealAid
- ChitoHeal Gel
- ChitoHeal Film
- ChitoCavity, ChitoSorb
- ChitoPowder, Ostomy Powder
- Calcium Alginate Filler Dressing
- ChitoDebrid Gel & ChitoDebrid Pad

## HealAid

### Description:

HealAid is a self-adhesive healing bandage suitable for all types of injuries as a first aid. It is made of natural cellulosic fibers coated with non-allergic medical grade adhesive.

### Features & benefits:

- Easy to apply
- No bandage or adhesive needed to fix it.
- Does not stick to the skin.
- Can be applied directly to a wound and wet skin.

### Applications:

- All types of wounds such as scratches, cuts
- Emergencies.



| Product Name | Code        | Size/cm |
|--------------|-------------|---------|
| HealAid      | 01181001000 | 10x100  |
|              | 0118501000  | 5x100   |



1- Clean the surface of wound using SilvoSept.



2- Place HealAid over the wound site and wrap it around the wound.



4- Fit HealAid by applying slight pressure.



3 - Cut the extra part.

## ChitoHeal Gel

### Description:

Chito-Heal gel is a primary biological dressing, suitable for all types of wound.

It is a powerful wound healing product, forming a secondary skin on the site of wound protecting and healing it at the same time.

### Features & benefits:

- Accelerating the rate of healing
- Anti-bacterial
- Hemostatic
- Pain relief
- Easily to use
- Scar reduction
- Non toxic ,non allergic

### Applications:

- First & second degree burn
- Cuts & Scratches
- Diabetic foot ulcers ( I degree)
- First aid dressing
- Umbilical cord and circumcision locations



1- Clean wound with SivoSept.



2-Place few drops of gel on the affected area. Repeat the action several times.



3-If necessary, cover the area with ChitoPad and fix it with ChitoTrans.

| Product Name  | Code   | Size mL |
|---------------|--------|---------|
| ChitoHeal Gel | 01144  | 4       |
|               | 011420 | 20      |
|               | 011460 | 60      |

## ChitoHeal Film

### Description:

ChitoHeal film is a primary biological film dressing consisting of natural marine biopolymers; it maintains a moist wound environment and accelerates the healing rate.

### Features & benefits:

- Soft and pliable
- Transparent
- Anti-bacterial
- Hemostatic
- High vapour transmission rate and oxygen permeability
- Accelerating the rate of healing
- Pain relief
- Reduce scar formation
- Non toxic ,non allergic

### Applications:

- Burn wounds
- Bed sore
- Surgical wound
- Skin graft donor site
- Diabetic foot ulcers



| Product Name   | Code       | Size mm |
|----------------|------------|---------|
| ChitoHeal Film | 01105060   | 50x60   |
|                | 011060100  | 60x100  |
|                | 0110100100 | 100x100 |



1- Clean wound with SilvoSept.



2- Place ChitoHeal Film on wound site.



4- secure it with ChitoTrans.



3- Place ChitoPad or ChitoAbsorb on the dressing.



## ChitoCavity

### Applications: Infected wounds

#### Description:

ChitoCavity is a primary biological absorbent dressing suitable for exuding deep and cavity wounds. This product is made of natural biopolymer and is in medical grade non-adhering pouch.

#### Features & benefits:

- Accelerating the rate of wound healing and absorbing exudates
- Non-toxic ,Non-allergic
- Non-adherent to wound bed

#### Applications:

Deep and cavity wound including:

- Pressure ulcers
- Diabetic foot ulcers
- Vascular ulcers
- Infected wounds



## ChitoSorb:

#### Description:

ChitoSorb is a primary biological absorbent dressing containing medical grade active carbon. It is suitable for absorbing and eliminating odors from infected wounds. It is made of natural biopolymers and is in medical grade non-adhering pouch.

#### Features & benefits:

- Non-toxic ,Non-allergic
- Absorbing exudates and infected wounds odors
- Non-adherent to wound bed



1-Clean Wound using SivoSept.



2-Place ChitoCavity in normal saline for 1-2 minutes, and then place it inside the cavity. Cover with ChitoAbsorbent and fix using Chito-Trans.



1-Clean Wound using SivoSept.



2- Place ChitoSorb in normal saline for 1-2 minutes, and then place it on the desired area. Cover with ChitoAbsorbent and fix using Chito-Trans.

| Product Name | Code     | Size <small>cm</small> |
|--------------|----------|------------------------|
| ChitoCavity  | 01115050 | 50x50                  |
|              | 01117070 | 70x70                  |

| Product Name | Code     | Size <small>cm</small> |
|--------------|----------|------------------------|
| ChitoSorb    | 01155050 | 50x50                  |

## ChitoPowder

### Description:

ChitoPowder is a primary absorbent powder which is a powerful wound healing suitable for tunneling or cavity wounds.

### Features & benefits:

- Accelerating wound healing
- Antibacterial
- Non toxic, non allergic
- Can be used in tunneling and cavity wounds

### Applications:

- Pressure ulcers
- Diabetic foot ulcers
- Infected wound
- Pilonidal sinus



## Ostomy Powder

### Description:

Ostomy powder is a primary absorbent powder derived from natural substance suitable for ostomy wounds.

### Features & benefits:

- Highly absorbent
- Very easy to apply
- Non allergic
- Protection of skin around ostoma site

### Applications:

Ostomy wounds



1- Clean around the ostoma site with SilvoSept.



2- Sprinkle the powder on the area and fix the ostomy bag over it.



1- Clean wound with SilvoSept.



2- Sprinkle ChitoPowder on the wound site.



4- Fix it with suitable Bandage.



3- Cover it with ChitoAbsorbent.

| Product Name  | Code   | Size |
|---------------|--------|------|
| Ostomy Powder | 011910 | 10   |

| Product Name | Code  | Size |
|--------------|-------|------|
| ChitoPowder  | 01122 | 2    |
|              | 01125 | 5    |

## ChitoDebrid Gel & ChitoDebrid pad

### Description:

ChitoDebrid gel and ChitoDebrid Pad are two primary biological dressing made of sodium alginate. They are suitable for autolytically removing necrotic and slough tissues without damaging the viable healing tissue.

### Features & benefits:

- Selective autolytic debridement with no pain and bleeding
- Moisturizing dry, necrotic tissues.
- Non-adhering to wound surface.

### Applications:

- All types of wounds with necrotic or slough tissue



1- Clean wound using SilvoSept.



2,3-Apply ChitoDebrid Pad or place Chitodebrid gel on the desired area.



4- Cover it with ChitoPad and fix with ChitoTrans.

| Product Name    | Code   | Size <small>mm</small> |
|-----------------|--------|------------------------|
| ChitoDebrid Gel | 011350 | 50                     |

| Product Name    | Code       | Size <small>mm</small> |
|-----------------|------------|------------------------|
| ChitoDebrid Pad | 01137070   | 70×70                  |
|                 | 0113100100 | 100×100                |

## Calcium Alginate Dressings

### Description:

The Calcium Alginate flat and rope dressings are derived from seaweed. It is highly absorbent and due to presence of calcium ions in the dressing, when in contact with sodium ions of wound exudates, it gradually forms a moist soft gel. It also creates optimal moist wound healing environment.

### Features & benefits:

- Good biocompatibility.
- A long narrow, ribbon shaped dressing easily used in cavity and tunneling wounds
- Highly absorbent and due to presence of calcium ions when in contact with wound exudates forms a moist gel and provides the optimal moist wound healing environment.
- It is highly absorbent and due to presence of calcium ions when in contact with wound exudates forms a moist gel and provides the optimal moist wound healing environment.
- Do not stick to the ulcer and can be easily removed.
- Can be used in cavity wounds and fissurectomy without packing it.



### Applications:

- Highly to moderate secreting cavity or tunneling ulcer (including bedsores, Leg ulcer, diabetic wound and second degree burns)
- Pilonidal sinus
- After fissurectomy



1- Clean wound with SilvoSept, dry the surrounding but do not touch inside the wound.



2- Place Calcium Alginate inside the cavity, cover it with ChitoAbsorbent and secure with ChitoTrans. Change the dressing after it is in form gel. Stop using dressing when the wound exudates has subsided and continue wound care with other ChitoTech dressings.

| Product Name               | Code       | Size    |
|----------------------------|------------|---------|
| Calcium Alginate Dressings | 0116100100 | 100x100 |
|                            | 01167575   | 75x75   |
|                            | 011620300  | 20x300  |

# Secondary Dressings

ChitoTech secondary dressings are used to fix primary dressings and maintain them in place. These dressings promote the flow of fluid into the fluid-absorbing material.

## **Products:**

### **Absorbants:**

- ChitoPad,
- ChitoAbsorbent

### **Protectives:**

- ChitoStrip,
- ChitoTrans,
- Trans I.V.,
- ChitoTrans Pad,
- ChitoPore.

## ChitoStrip

### Description:

Flexible skin closure strips made of soft, non-woven elastic backing coated with a pressure-sensitive, hypoallergenic adhesive.

### Features & benefits:

- Breathable, porous, elastic backing which can be used on contoured body areas or where bending and movement occur.
- Eliminates puncture marks and reduce scar formation for better cosmetic results than sutures or staples.
- Fast and easy to apply to save time.
- Hypoallergenic adhesive.
- Available in a variety of sizes to meet your needs.
- Flexible non-woven backing allows for expansion arising from oedema.
- Available in sterile pouches.

### Applications:

- Emergency departments
- Operating rooms
- Clinics and physicians offices
- Cosmetic Surgeries



| Product Name | Code      | Size <sup>mm</sup> |
|--------------|-----------|--------------------|
| ChitoStrip   | 041213100 | 13x100             |
|              | 041220100 | 20x100             |
|              | 041225127 | 25x127             |
|              | 0412375   | 3x75               |
|              | 04126100  | 6x100              |
|              | 0412638   | 6x38               |
|              | 0412650   | 6x50               |
|              | 0412675   | 6x75               |



1- Clean the wound site with SilvoSept.



2- Take ChitoStrip out of the package.



4- Place remaining strips on the opposite direction.



3- Bring two edges of incision together, apply the strip in the middle of incision.

## ChitoAbsorbent & ChitoPad

### Description:

#### ChitoAbsorbent:

ChitoAbsorbent: Made of super absorbent microfibers placed in non-adherent pouch suitable for high exuding wounds.

#### ChitoPad:

Double sided non-adherent wound dressing, prepared from absorbent micro-fibers.

### Features & benefits:

#### ChitoAbsorbent:

- Highly absorbent, up to 3000 percent (ie 1g absorbs 30g water)
- Absorbs wound exudates, bacteria and cell debris
- Covered by a polyethylene pouch to prevent sticking to wounds and allows rapid passage of exudates.

#### ChitoPad:

- Absorbent, non adherent wound pad.
- Laminated with PE net to prevent adhesion to wounds and allows rapid passage of wound exudates through the wound pad open weave.

### Applications:

#### ChitoAbsorbent:

- Highly secreting wounds like: pressure ulcer, diabetic foot ulcer, leg ulcer, fourrier gangrene
- All surgeries
- Drainage sites
- Burns
- Ostoma site

#### ChitoPad:

- Suitable for all types of wounds



1- Clean the wound using SilvoSept.



2-Put one of ChitoTech biologic dressing on it.



3-Place ChitoPad/ChitoAbsorbent on wound site.



4-Secure it with ChitoTrans.

| Product Name | Code       | Size <sub>cm</sub> |
|--------------|------------|--------------------|
| ChitoPad     | 0411100100 | 100x100            |
|              | 0411100150 | 100x150            |
|              | 0411100200 | 100x200            |
|              | 0411100300 | 100x300            |

| Product Name   | Code        | Size <sub>cm</sub> |
|----------------|-------------|--------------------|
| ChitoAbsorbent | 04107070    | 70x70              |
|                | 0410100100  | 100x100            |
|                | 04101001000 | 100x100            |
|                | 0410150150  | 150x150            |

# ChitoTrans & Trans IV

## Description:

### ChitoTrans:

Transparent protective wound dressing with wide applications. It is bacteria proof and waterproof film coated with hypoallergenic adhesive.

### Trans IV:

Cannula fixation dressing made from transparent backing.



## Features & benefits:

### ChitoTrans:

- Very easy to apply
- Non allergic
- Waterproof so patient can take shower
- ChitoTrans allows wounds to breath with high transmission rate

### Trans IV:

- Special design and construction for catheters
- Minimizes dressing changes
- Non allergic

## Applications:

### ChitoTrans:

- Wound dressing for primary and secondary care of dry and slightly secreting wounds.
- All surgical incisions
- Prevention of bed sore

### Trans IV:

Catheters fixation



| Product Name | Code     | Size cm |
|--------------|----------|---------|
| Trans IV     | 04136090 | 6x9     |

| Product Name | Code       | Size cm |
|--------------|------------|---------|
| ChitoTrans   | 0415100120 | 10x12   |
|              | 0415100160 | 10x16   |
|              | 0415140160 | 14x16   |



## ChitoPore & ChitoTrans pad

### Description:

ChitoPore and ChitoTrans Pad are two types of dressings suitable for covering all types of wound including incisions and sutured wounds. ChitoPore is made of non-woven backing and is suitable for sensitive skins including children and elderly. ChitoTrans pad is made of waterproof adhesive backing suitable for all types of wounds including cesarean section. It is possible to shower with ChitoTrans Pad dressing.



### Features & benefits:

- Soft, breathable backing.
- Absorbent non-adhering pad.
- Low allergy adhesive is evenly spread onto the backing surface providing safe and secure dressing fixation over the wound site.
- The non-adherent pad minimizes fluid striking through and helps to protect the wound from trauma.
- Individually packed in peel pouch and sterilized by E.O.

### Applications :

- Secondary dressing suitable for all types of wounds



1- Clean the wound using SilvoSept.



2- If required use one of ChitoTech biological dressing.



3- Place ChitoPad/ ChitoAbsorbent on wound site.



4- Secure it with ChitoPore/ ChitoTranspad.

| Product Name | Code       | Size cm |
|--------------|------------|---------|
| ChitoPore    | 0418100100 | 10x10   |
|              | 0418100150 | 10x15   |
|              | 0418100200 | 10x20   |
|              | 0418100250 | 10x25   |
|              | 0418100300 | 10x30   |
|              | 0418100350 | 10x35   |
|              | 04186070   | 6x7     |
|              | 04185070   | 5x7     |
|              | 041880100  | 8x10    |
|              | 041880150  | 8x15    |

| Product Name   | Code       | Size cm |
|----------------|------------|---------|
| ChitoTrans Pad | 0416100100 | 10x10   |
|                | 0416100150 | 10x15   |
|                | 0416100200 | 10x20   |
|                | 0416100250 | 10x25   |
|                | 0416100300 | 10x30   |
|                | 0416100350 | 10x35   |
|                | 04166070   | 6x7     |
|                | 04165075   | 5x7     |

## First Aid

Each year, many people are affected by natural disasters. Accidental emergencies are the fifth leading cause of death. ChitoTech first aid boxes:

- Advanced first aid box
- Car first aid box
- Companion first aid bag
- General dressing kit

### Advanced first aid box:

Advanced first aid box offers a complete home or vehicle medical box equipped to treat multiple injuries during medical emergencies. It features the same advanced medical supplies with greater quantity geared for a family, car, office including SilvoSept, HemoGauze, ChitoHeal Gel, Eye Pad, Scissors, Sterile Gauze, Pressure dressing and much more.



### Car First Aid Box:

Car first aid box offers a much more complete box suitable for emergencies. It includes a variety of first aid products such as SilvoSept, ChitoHeal gel, Hemogauze, Eye Pad, many types of adhesives, pressure dressings and much more.



### Companion First Aid Bag:

Compact, lightweight first aid bag offers a wide range of medical supplies to treat a variety of injuries. It includes HemoGauze, ChitoHeal Gel, Sterile Gauze, pressure dressings, and much more.

### General Dressing Kit:

General dressing kit equipped to treat multiple sterile items suitable for dressing in hospital and at home.

| Product Name            | Code | Size mm |
|-------------------------|------|---------|
| Advanced first aid box  | 0214 | 110x130 |
| Car first aid box       | 0211 | 200x260 |
| Companion first aid bag | 0212 | 90x125  |
| General dressing kit    | 0210 | 240x240 |

## Petrolatum Gauze

### Description:

Petrolatum gauze is an occlusive, continuous, nonadhering dressing, with no loose threading, impregnated with white medical grade petrolatum. This fine mesh gauze clings and conforms without sticking and it is easily used for all body contours with the help of applicator. Petrolatum gauze has no threading therefore eliminating infection after removal.

### Features & benefits:

- With no loose threading
- With special applicator
- Very easy to apply
- Conforms to all body contours
- Variation of size
- Sterilized and individually packed

### Applications:

- All type of wounds (Burns, Radiation burns), surgeries (ENT, gynecology)
- To fill ulcer cavities.
- Skin grafts and cosmetic surgeries



| Product Name     | Code         | Size mm  |
|------------------|--------------|----------|
| Petrolatum Gauze | 01171001000  | 100x1000 |
|                  | 01171100400  | 100x400  |
|                  | 011712001000 | 200x1000 |



1- Clean the wound with IodoSept.



2- Apply the appropriate size of petrolatum Gauze to the wound with the help of applicator.



3- Secure it with secondary dressing.

## Combat Bandage

### Description:

Combat Bandage is an advanced dressing for front line medical professionals. It consists of hemostatic dressing supported by superabsorbent pad. A clip device, pressure bar, on the dressing applies compression on the site of bleeding and a hooking ends secure the bandage tightly therefore there is no further need for adhesive.

### Features & benefits:

- Stops bleedings
- Soft and comfortable therefore suitable for all parts of external bleedings
- It has an elastic bandage and superabsorbent pad.
- Sterile.
- It has a pressure bar for fixing the bandage tightly.

### Application:

- Emergency
- First aid



| Product Name   | Code | Size cm |
|----------------|------|---------|
| Combat Bandage | 0215 | 15x200  |



1- Place super absorbent hemostatic pad on wound.



2- Wrap the elastic bandage around bleeding site, then insert it into pressure bar.



6- Secure hooking ends into elastic bandage.



5- Wrap elastic bandage tightly over pressure bar.



4- Pull-back the bandage forcing pressure bar down onto pad.



3- Tighten elastic bandage by pulling it toward yourself.



European Product Quality Certificate



Patent for wound dressing from Denmark, Germany, France, Ireland



Patent for wound dressing from UK



ISO 13485 Quality Management System Certificate

## New Thinking in Health Care

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