

Pressure Ulcers

Year: 2017

Age and Sex: 81, F

Wound site: Sacral region

Duration of treatment: 25 days

Cause of wound: Hospitalization after CVA.

Treatment: Nano colloidal silver solution was used for wound disinfection. Sodium alginate and chitosan gel were used for autolytic debridement and tissue regeneration, respectively.



Year: 2018

Age and Sex: 58, M

Wound site: Sacral region

Duration of treatment: 75 days

Cause of wound: Immobilization after car accident.

Treatment: Nano colloidal silver solution was used for wound disinfection. Sodium alginate and chitosan powder were used for autolytic debridement and tissue regeneration, respectively.



Year: 2017

Age and Sex: 27, F

Wound site: Sacral region

Duration of treatment: 55 days

Cause of wound: Hospitalization after renal failure.

Treatment: Nano colloidal silver solution was used for wound disinfection. Sodium alginate and chitosan powder were used for autolytic debridement and tissue regeneration, respectively.



Year: 2017

Age and Sex: 73, M

Wound site: Right leg

Duration of treatment: 45 days

Cause of wound: Brace therapy pressure.

Treatment: Nano colloidal silver solution was used for wound disinfection. Sodium alginate and chitosan (gel and powder) were used for autolytic debridement and tissue regeneration, respectively.



Year: 2016

Age and Sex: 35, M

Wound site: Groin region

Duration of treatment: 75 days

Cause of wound: Immobilization after car accident.

Treatment: Nano colloidal silver solution was used for wound disinfection. Sodium alginate and chitosan powder were used for autolytic debridement and tissue regeneration, respectively.



Year: 2015

Age and Sex: 70, M

Wound site: Right trochanter

Duration of treatment: 30 days

Cause of wound: Hospitalization after CVA.

Treatment: Nano colloidal silver solution was used for wound disinfection. Sodium alginate and chitosan (gel and powder) were used for autolytic debridement and tissue regeneration, respectively.



Year: 2014

Age and Sex: 92, M

Wound site: Sacral region

Duration of treatment: 80 days

Cause of wound: Hospitalization after CVA.

Treatment: Nano colloidal silver solution was used for wound disinfection. Sodium alginate and chitosan (gel and powder) were used for autolytic debridement and tissue regeneration, respectively.



Year: 2014

Age and Sex: 77, F

Wound site: Sacral region

Duration of treatment: 75 days

Cause of wound: Hospitalization after CVA.

Treatment: Nano colloidal silver solution was used for wound disinfection. Sodium alginate and chitosan (gel and powder) were used for autolytic debridement and tissue regeneration, respectively.



Year: 2014

Age and Sex: 76, M

Wound site: Medial side of right knee

Duration of treatment: 21 days

Cause of wound: Hospitalization after CVA.

Treatment: Nano colloidal silver solution was used for wound disinfection. Sodium alginate and chitosan (gel and powder) were used for autolytic debridement and tissue regeneration, respectively.



Year: 2005

Age and Sex: 71, M

Wound site: Sacral region

Duration of treatment: 30 days

Cause of wound: Hospitalization after CVA.

Treatment: Nano colloidal silver solution was used for wound disinfection. Chitosan gel and powder were used for tissue regeneration.



Year: 2005

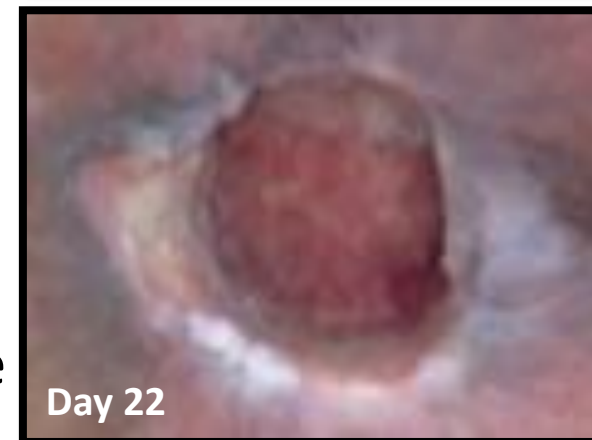
Age and Sex: 47, F

Wound site: Sacral region

Duration of treatment: 90 days

Cause of wound: Immobilization after car accident.

Treatment: Nano colloidal silver solution was used for wound disinfection. Sodium alginate and chitosan (gel and powder) were used for autolytic debridement and tissue regeneration, respectively.



Year: 2016

Age and Sex: 68, M

Wound site: Sacral region

Duration of treatment: 40 days

Cause of wound: Hospitalization after an open heart surgery.

Treatment: Nano colloidal silver solution was used for wound disinfection. Chitosan foam and gel were applied to treat the ulcer while keeping an eye on suspected DTI. Treatment was successful with no DTI developing.



Year: 2017

Age and Sex: 47, F

Wound site: Right leg

Duration of treatment: 65 days

Cause of wound: Immobilized after knee arthroplasty.

Treatment: Nano colloidal silver solution was used for wound disinfection. Sodium alginate was used for autolytic debridement along with sharp debridement. After removal of necrotic tissue, the ulcer was diagnosed as stage-III pressure ulcer. Treatment was continued with chitosan powder and gel.



Year: 2017

Age and Sex: 28, M

Wound site: Heel of right foot

Duration of treatment: 65 days

Cause of wound: Immobilization due to spinal cord injury.

Treatment: Nano colloidal silver solution was used for wound disinfection. Sodium alginate was used for autolytic debridement along with sharp debridement. After removal of necrotic tissue, the ulcer was diagnosed as stage-II pressure ulcer. Treatment was continued with chitosan foam and gel.



Year: 2017

Age and Sex: 86, F

Wound site: Sacral region

Duration of treatment: 65 days

Cause of wound: Hospitalization after CVA.

Treatment: Nano colloidal silver solution was used for wound disinfection. Sodium alginate was used for autolytic debridement along with sharp debridement. After removal of necrotic tissue, the ulcer was diagnosed as stage-III pressure ulcer. Treatment was continued with calcium alginate.



Year: 2016

Age and Sex: 81, M

Wound site: Sacral region

Duration of treatment: 65 days

Cause of wound: Hospitalization after CVA.

Treatment: Nano colloidal silver solution was used for wound disinfection. Sodium alginate was used for autolytic debridement along with sharp debridement. After removal of necrotic tissue, the ulcer was diagnosed as stage-II pressure ulcer. Treatment was continued with calcium alginate.



Year: 2016

Age and Sex: 28, M

Wound site: Sacral region

Duration of treatment: 60 days

Cause of wound: Immobilization due to spinal cord injury.

Treatment: Nano colloidal silver solution was used for wound disinfection. Sodium alginate was used for autolytic debridement along with sharp debridement. After removal of necrotic tissue, the ulcer was diagnosed as stage-III pressure ulcer. Treatment was continued with sodium alginate, chitosan (powder, and gel) for autolytic debridement of residual slough and tissue regeneration, respectively.



Diabetic Ulcers

Year: 2018

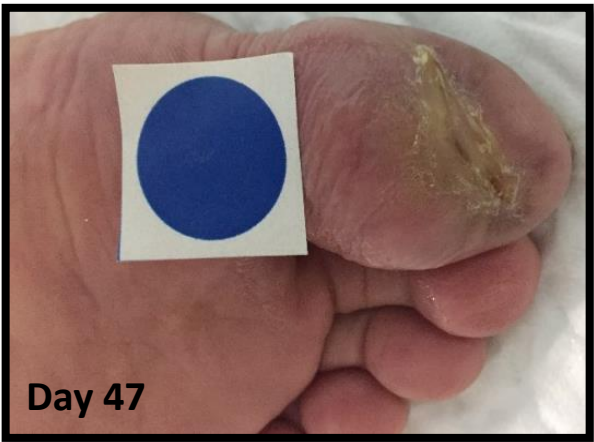
Age and Sex: 54, F

Wound site: Left big toe

Duration of treatment: 47 days

Cause of wound: Ischemia.

Treatment: Nano colloidal silver solution was used for wound disinfection. Sodium alginate and chitosan gel were used for autolytic debridement and tissue regeneration, respectively.



Year: 2018

Age and Sex: 58, M

Wound site: Left toes

Duration of treatment: 66 days

Cause of wound: Necrotic wound after surgical amputation.

Treatment: Nano colloidal silver solution was used for wound disinfection. Sodium alginate was used for autolytic debridement.

After removal of necrotic tissue, treatment was continued with chitosan gel and calcium alginate.



Year: 2018

Age and Sex: 33, M

Wound site: Right sole

Duration of treatment: 88 days

Cause of wound: Surgical debridement.

Treatment: Nano colloidal silver solution was used for wound disinfection. Sodium alginate and chitosan powder were used for autolytic debridement and tissue regeneration respectively. After removal of necrotic tissue, treatment was continued with calcium alginate.



Year: 2018

Age and Sex: 57, F

Wound site: Right big toe

Duration of treatment: 28 days

Cause of wound: Ischemia.

Treatment: Nano colloidal silver solution was used for wound disinfection. Sodium alginate was used for autolytic debridement. After removal of necrotic tissue, treatment was continued with chitosan gel.



Year: 2018

Age and Sex: 50, M

Wound site: Right foot

Duration of treatment: 40 days

Cause of wound: Neuropathic ulcer, malum perforans pedis.

Treatment: Nano colloidal silver solution was used for wound disinfection. After sharp debridement of wound edges, sodium alginate and chitosan (powder and gel) were used for autolytic debridement and tissue regeneration, respectively.



Year: 2018

Age and Sex: 60, M

Wound site: Right foot

Duration of treatment: 43 days

Cause of wound: Neuropathic ulcer.

Treatment: Nano colloidal silver solution was used for wound disinfection. After sharp debridement of indurated edges, sodium alginate was used for autolytic debridement. Calcium alginate and chitosan gel were used for tissue regeneration.



Year: 2017

Age and Sex: 68, M

Wound site: Right foot

Duration of treatment: 80 days

Cause of wound: Surgical amputation of fifth toe.

Treatment: Nano colloidal silver solution was used for wound disinfection. Sodium alginate and chitosan (powder and gel) were used for autolytic debridement and tissue regeneration, respectively.



Year: 2017

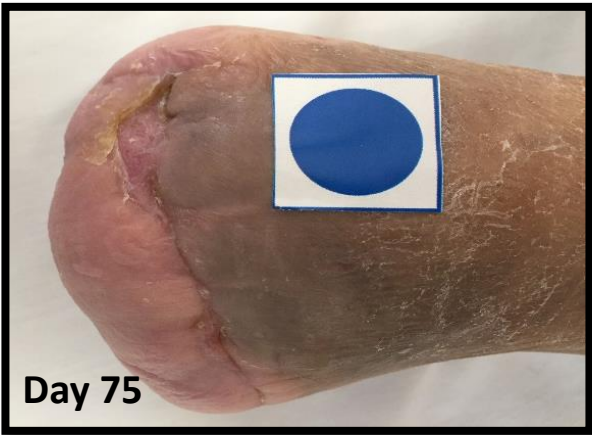
Age and Sex: 70, M

Wound site: Left foot

Duration of treatment: 75 days

Cause of wound: Wound infection after amputation.

Treatment: Nano colloidal silver solution was used for wound disinfection. After autolytic debridement with sodium alginate, calcium alginate and chitosan gel were used for tissue regeneration.



Year: 2017

Age and Sex: 60, F

Wound site: Right heel

Duration of treatment: 59 days

Cause of wound: Neuropathic ulcer.

Treatment: Nano colloidal silver solution was used for wound disinfection. After sharp removal of blister, treatment was continued with chitosan (powder and gel) and calcium alginate.



Year: 2017

Age and Sex: 68, M

Wound site: Right foot

Duration of treatment: 69 days

Cause of wound: Wound infection after amputation of fourth and fifth toes.

Treatment: Nano colloidal silver solution was used for wound disinfection. Sodium alginate was used for autolytic debridement. Afterwards calcium alginate and chitosan gel were used for tissue regeneration.



Year: 2017

Age and Sex: 50, F

Wound site: Right foot

Duration of treatment: 40 days

Cause of wound: Ischemia.

Treatment: Nano colloidal silver solution was used for wound disinfection. After removal of necrotic and slough tissue with sodium alginate, treatment was continued with chitosan gel.



Year: 2017

Age and Sex: 54, F

Wound site: Left foot

Duration of treatment: 84 days

Cause of wound: Neuroisshcemic ulcer after amputation of third and fourth toes.

Treatment: Nano colloidal silver solution was used for wound disinfection. Sodium alginate was used for autolytic debridement. After removal of necrotic tissue, treatment was continued with chitosan (powder and gel) and calcium alginate.



Year: 2017

Age and Sex: 63, M

Wound site: Left foot

Duration of treatment: 48 days

Cause of wound: Neuropathic ulcer, malum perforans pedis.

Treatment: Nano colloidal silver solution was used for wound disinfection. Sodium alginate and chitosan gel were used for autolytic debridement and tissue regeneration, respectively.



Year: 2016

Age and Sex: 26, F

Wound site: Right foot

Duration of treatment: 15 days

Cause of wound: Auto-amputation of fifth toe.

Treatment: Nano colloidal silver solution was used for wound disinfection. Sodium alginate and chitosan were used for autolytic debridement and tissue regeneration, respectively.



Year: 2010

Age and Sex: 51, M

Wound site: Left foot

Duration of treatment: 60 days

Cause of wound: Wound dehiscence after amputation of fifth toe.

Treatment: Nano colloidal silver solution was used for wound disinfection. Sodium alginate and chitosan (powder and gel) were used for autolytic debridement and tissue regeneration, respectively.



Year: 2009

Age and Sex: 54, F

Wound site: Right big toe

Duration of treatment: 50 days

Cause of wound: 18-years history of diabetes with neuroischemic ulcer.

Treatment: Nano colloidal silver solution was used for wound disinfection. After sharp debridement of wound edges, sodium alginate was used for softening the fibrotic tissue and chitosan powder was applied for tissue regeneration.



Year: 2006

Age and Sex: 65, M

Wound site: Right foot

Duration of treatment: 58 days

Cause of wound: Ischemia.

Treatment: Nano colloidal silver solution was used for wound disinfection. Sodium alginate was used for autolytic debridement along with sharp debridement. After removal of necrotic tissue, treatment was continued with chitosan powder and gel.



Burn Wounds

Year: 2016

Age and Sex: 7 months, M

Wound site: Face

Duration of treatment: 28 days

Cause of wound: Deep second-degree burn wound caused by hot coal.

Treatment: Nano colloidal silver solution was used for wound disinfection. Sodium alginate and chitosan gel were used for autolytic debridement and tissue regeneration, respectively.



Year: 2015

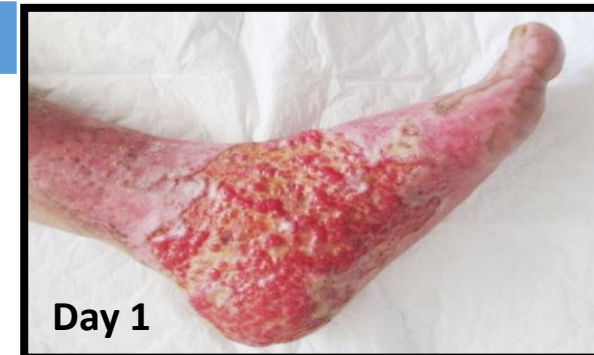
Age and Sex: 56, M

Wound site: Left Foot

Duration of treatment: 60 days

Cause of wound: Third-degree burn wound caused by gasoline.

Treatment: Nano colloidal silver solution was used for wound disinfection. Sodium alginate was applied for autolytic removal of yellow slough tissue and calcium alginate and chitosan gel were used for tissue regeneration.



Year: 2015

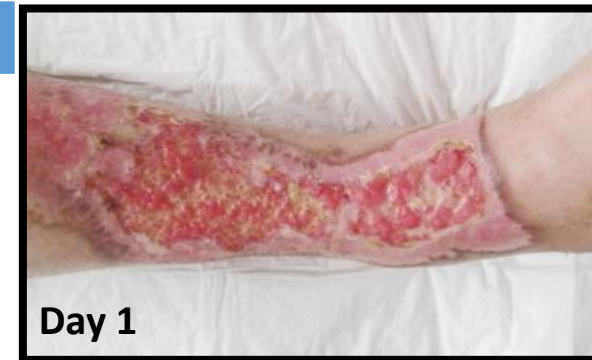
Age and Sex: 56, M

Wound site: Right Leg

Duration of treatment: 60 days

Cause of wound: Third-degree burn wound caused by gasoline.

Treatment: Nano colloidal silver solution was used for wound disinfection. Sodium alginate was used for autolytic removal of yellow slough tissue and calcium alginate and chitosan gel were applied for tissue regeneration.



Year: 2014

Age and Sex: 5, F

Wound site: Face

Duration of treatment: 30 days

Cause of wound: Deep second-degree burn wound caused by a hot object.

Treatment: Nano colloidal silver solution was used for wound disinfection. Sodium alginate and chitosan gel were used for autolytic debridement and tissue regeneration, respectively.



Year: 2014

Age and Sex: 49, M

Wound site: Right foot

Duration of treatment: 34 days

Cause of wound: Deep second-degree burn wound caused by boiling water.

Treatment: Nano colloidal silver solution was used for wound disinfection. Sodium alginate was used for autolytic removal of yellow slough tissue and calcium alginate was applied for tissue regeneration.



Year: 2014

Age and Sex: 1, F

Wound site: Left shoulder

Duration of treatment: 35 days

Cause of wound: Deep second-degree burn wound caused by boiling milk.

Treatment: Nano colloidal silver solution was used for wound disinfection. Sodium alginate and chitosan gel were applied for autolytic debridement and tissue regeneration, respectively.



Burn Wound

Year: 2006

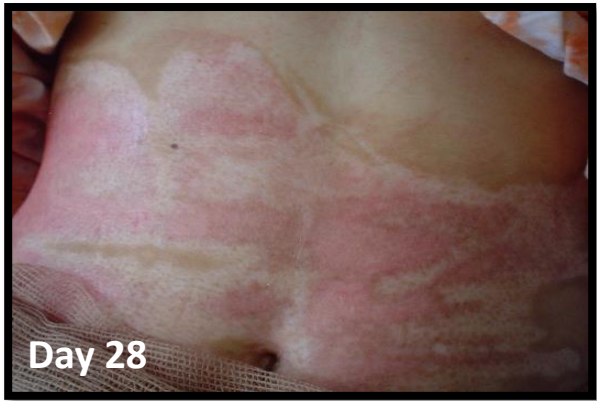
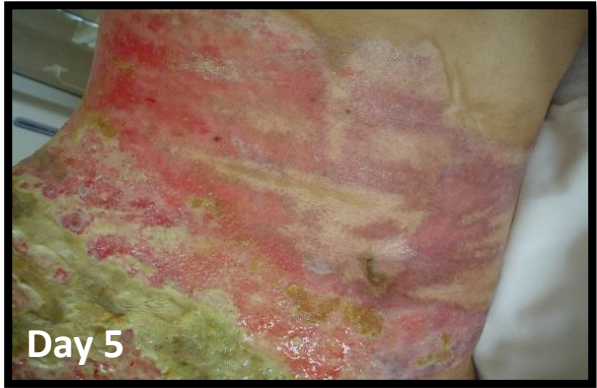
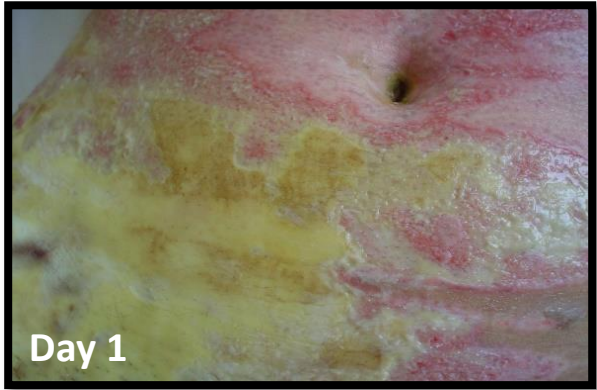
Age and Sex: 26, F

Wound site: Abdominal region

Duration of treatment: 28 days

Cause of wound: Deep second-degree burn wound caused by boiling water.

Treatment: Nano colloidal silver solution was used for wound disinfection. Sodium alginate and chitosan were used for autolytic debridement and tissue regeneration, respectively.



Year: 2006

Age and Sex: 53, F

Wound site: Left big toe

Duration of treatment: 17 days

Cause of wound: Deep second-degree burn wound caused by a hot object.

Treatment: Nano colloidal silver solution was used for wound disinfection. Chitosan gel was used for tissue regeneration.



Year: 2006

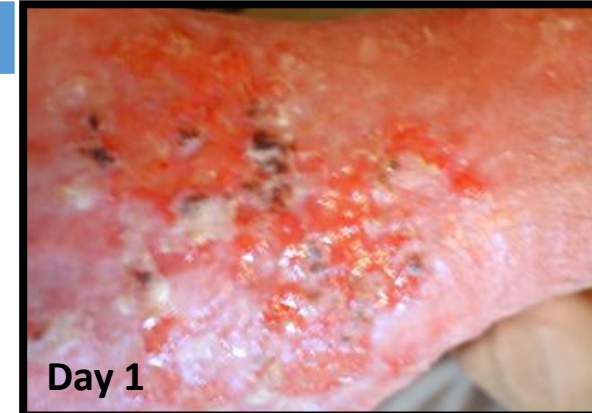
Age and Sex: 41, M

Wound site: Dorsum of right hand

Duration of treatment: 7 days

Cause of wound: Deep second-degree burn wound caused by boiling water.

Treatment: Nano colloidal silver solution was used for wound disinfection. Chitosan gel was used for tissue regeneration.



Year: 2006

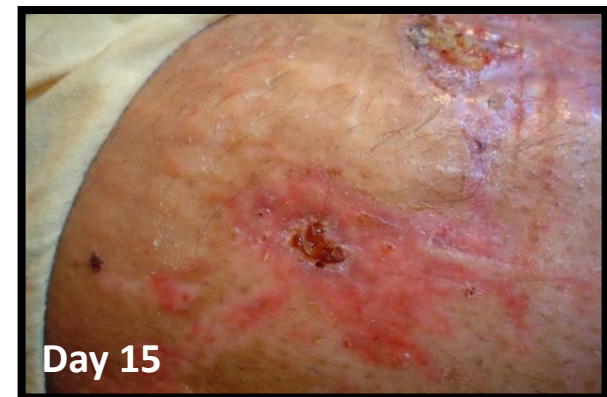
Age and Sex: 22, M

Wound site: Right thigh

Duration of treatment: 15 days

Cause of wound: Deep second-degree burn wound caused by a hot object.

Treatment: Nano colloidal silver solution was used for wound disinfection. Sodium alginate and chitosan gel were used for autolytic debridement and tissue regeneration, respectively.



Burn Wound

Year: 2005

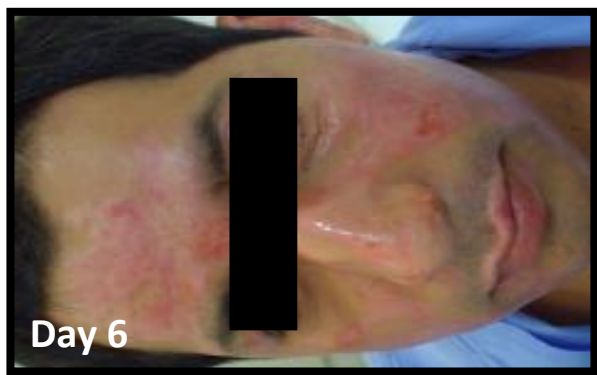
Age and Sex: 23, M

Wound site: Face

Duration of treatment: 6 days

Cause of wound: Superficial second-degree burn wound caused by flame.

Treatment: Nano colloidal silver solution was used for wound disinfection. Chitosan gel was used for tissue regeneration.



Vascular Ulcers

Year: 2018

Age and Sex: 85, M

Wound site: Left leg

Duration of treatment: 50 days

Cause of wound: Venous ulcer.

Treatment: Nano colloidal silver solution was used for wound disinfection. Sodium alginate and chitosan gel were applied for autolytic removal of yellow slough tissue and tissue regeneration, respectively.



Year: 2016

Age and Sex: 57, M

Wound site: Right leg

Duration of treatment: 60 days

Cause of wound: Vascular and lymphatic insufficiency.

Treatment: Nano colloidal silver solution was used for wound disinfection. Chitosan gel was applied for tissue regeneration.



Year: 2015

Age and Sex: 46, M

Wound site: Right hand

Duration of treatment: 51 days

Cause of wound: Patient is a victim of chemical warfare suffering from vascular insufficiency.

Treatment: Nano colloidal silver solution was used for wound disinfection. Sodium alginate and chitosan were used for autolytic debridement and tissue regeneration, respectively.



Year: 2015

Age and Sex: 68, F

Wound site: Right leg

Duration of treatment: 60 days

Cause of wound: Vascular and lymphatic insufficiency.

Treatment: Nano colloidal silver solution was used for wound disinfection. Sodium alginate was applied for autolytic removal of yellow slough tissue. Calcium alginate and chitosan gel were applied for tissue regeneration.



Year: 2015

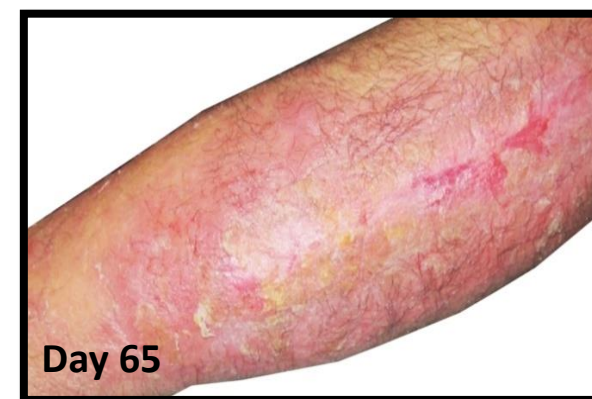
Age and Sex: 46, M

Wound site: Left leg

Duration of treatment: 65 days

Cause of wound: Patient is a victim of chemical warfare suffering from vascular insufficiency.

Treatment: Nano colloidal silver solution was used for wound disinfection. Sodium alginate and chitosan were used for autolytic debridement and tissue regeneration, respectively.



Traumatic Wounds

Year: 2018

Age and Sex: 4, F

Wound site: Face

Duration of treatment: 30 days

Cause of wound: Car accident.

Treatment: Nano colloidal silver solution was used for wound disinfection. Sodium alginate and chitosan gel were used for autolytic debridement and tissue regeneration, respectively.



Year: 2018

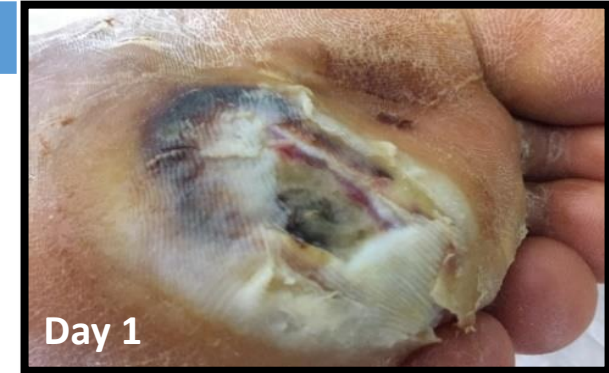
Age and Sex: 59, M

Wound site: Left foot

Duration of treatment: 62 days

Cause of wound: Traumatic puncture caused by pin, developed to a chronic ulcer in a diabetic patient.

Treatment: Nano colloidal silver solution was used for wound disinfection. Sodium alginate and chitosan (gel and foam) were used for autolytic debridement and tissue regeneration, respectively.



Traumatic Wound

Year: 2010

Age and Sex: 16, F

Wound site: Right heel

Duration of treatment: 40 days

Cause of wound: Avulsion caused by trauma, developed to a chronic ulcer.

Treatment: Nano colloidal silver solution was used for wound disinfection. Sodium alginate was used for autolytic debridement of yellow slough tissue, then treatment was continued with chitosan gel.



Year: 2005

Age and Sex: 28, M

Wound site: Left foot

Duration of treatment: 67 days

Cause of wound: Avulsion.

Treatment: Nano colloidal silver solution was used for wound disinfection. Sodium alginate and chitosan (gel and powder) were used for autolytic debridement and tissue regeneration, respectively.



Surgical Ulcers

Year: 2018

Age and Sex: 58, F

Wound site: Abdominal region

Duration of treatment: 43 days

Cause of wound: Surgical incision dehiscence.

Treatment: Nano colloidal silver solution was used for wound disinfection. Sodium alginate and chitosan (gel and powder) were used for autolytic debridement and tissue regeneration, respectively.



Year: 2017

Age and Sex: 26, M

Wound site: Head

Duration of treatment: 15 days

Cause of wound: Unsuccessful primary suturing of a traumatic ulcer, developed to necrotic tissue.

Treatment: Nano colloidal silver solution was used for wound disinfection. Sodium alginate and chitosan gel were used for autolytic debridement and tissue regeneration, respectively.



Year: 2016

Age and Sex: 2.5, F

Wound site: Right foot

Duration of treatment: 60 days

Cause of wound: Removal of rhabdomyosarcoma tumor.

Treatment: Nano colloidal silver solution was used for wound disinfection. Chitosan gel and powder were applied for tissue regeneration.



Year: 2015

Age and Sex: 45, M

Wound site: Abdominal region

Duration of treatment: 65 days

Cause of wound: Surgical incision dehiscence.

Treatment: Nano colloidal silver solution was used for wound disinfection. Sodium alginate and chitosan (gel and powder) were used for autolytic debridement and tissue regeneration, respectively.



Year: 2015

Age and Sex: 68, M

Wound site: Right trochanter

Duration of treatment: 35 days

Cause of wound: Surgical incision dehiscence.

Treatment: Nano colloidal silver solution was used for wound disinfection. Sodium alginate and chitosan (gel and powder) were used for autolytic debridement and tissue regeneration, respectively.



Year: 2006

Age and Sex: 75, F

Wound site: Left ankle

Duration of treatment: 55 days

Cause of wound: Unsuccessful grafting of an avulsion by car accident.

Treatment: Nano colloidal silver solution was used for wound disinfection. Sodium alginate was used for autolytic debridement of necrotic tissue and slough tissue, then treatment was continued with chitosan gel.



Year: 2005

Age and Sex: 19, F

Wound site: Right leg

Duration of treatment: 53 days

Cause of wound: Unsuccessful wound closure after knee surgery.

Treatment: Nano colloidal silver solution was used for wound disinfection. Sharp debridement along with sodium alginate were used for autolytic debridement, then treatment was continued with chitosan (gel and powder).

