



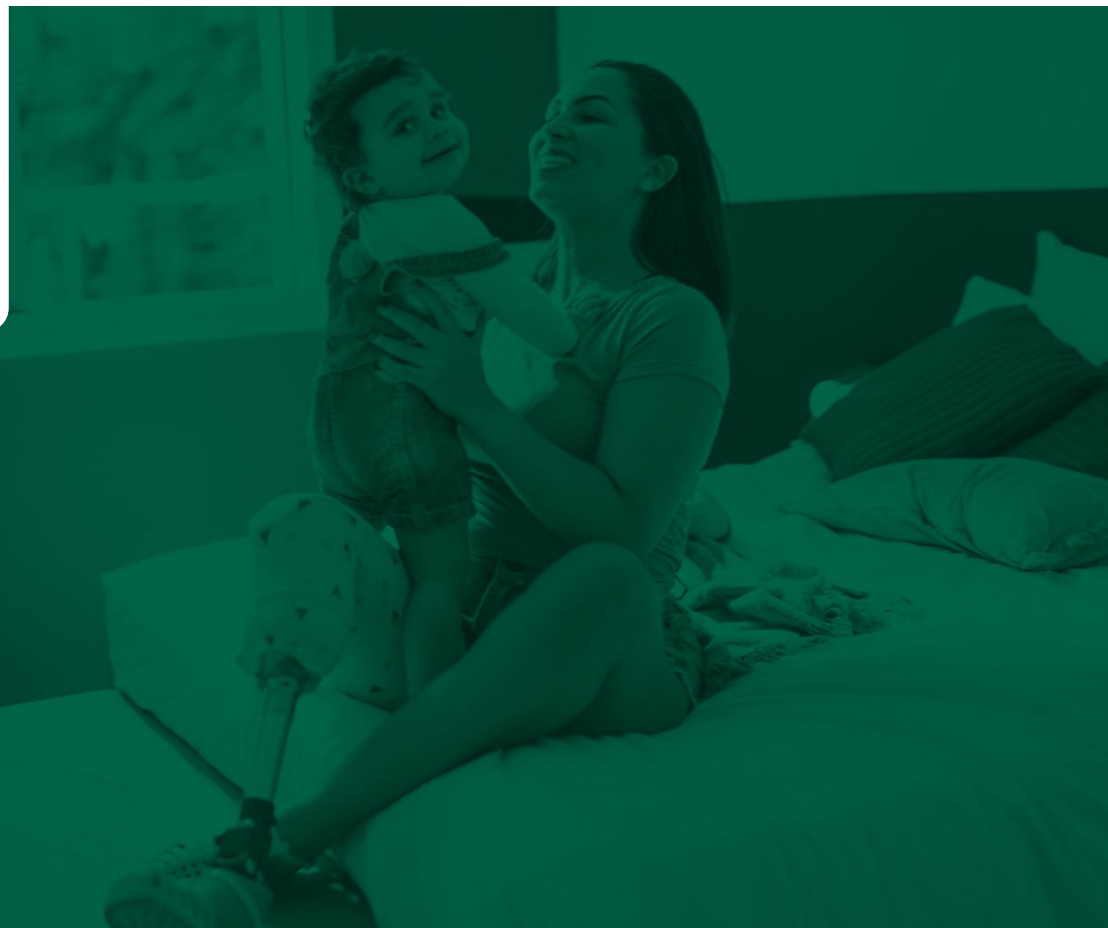
# Case Studies

Case Numbers:

#8963, #1177586, #1178130, #1180510, #1186967, #1187081, #DJ-SB1, #DJ-SB2,  
#DJ-SB2, #7659, #8297, #8303, #9092, #9181, #9297, #10157, #10483, #10729

January 2024

***ShearBan***  
BY TAMARACK®



## Case Study #8963

**Patient**  
76 yr old female

**Diagnosis**  
Psoriasis

**Condition**  
Plantar Hyperkeratosis



**APRIL 6 | 2015**

Persistent hyperkeratosis on the heel of the right foot after undergoing multiple previous treatments without positive results.



**APRIL 6 | 2015**

Custom orthopedic insoles were crafted and ShearBan was applied to only the affected areas.

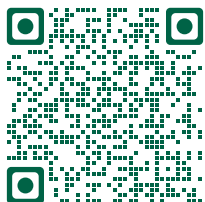


**NOVEMBER 22 | 2023**

Significant reduction in hyperkeratosis. Use of ShearBan continues.

Case study report courtesy of:  
Luis Rodil Peralta, BOCPD  
Hospital y Unidad de Pie Diabetico  
Lomas Altas, Guatemala

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**APRIL 6 | 2015**

Persistent hyperkeratosis on the first metatarsal head and heel of the left foot after undergoing multiple previous treatments without positive results.



**APRIL 6 | 2015**

Custom orthopedic insoles were crafted and ShearBan was applied to only the affected areas.



**NOVEMBER 22 | 2023**

Significant reduction in hyperkeratosis. Use of ShearBan continues.

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## Case Study #1177586

### Patient

55 yr old male

### Diagnosis

Diabetes with Charcot foot and  
peripheral neuropathy

### Condition

Wagner Grade 1 diabetic  
foot ulcer



APRIL 26 | 2018



APRIL 26 | 2018

ShearBan strategically applied to the area  
of concern of the insole in patient's  
CROW boot.

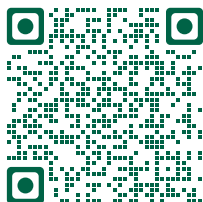
Case study report courtesy of:  
Luis Rodil Peralta, BOCPD  
Hospital y Unidad de Pie Diabetico  
Lomas Altas, Guatemala



JUNE 13 | 2018

Significant healing and improvement of foot ulcer after  
49 days. Use of ShearBan patch continues.

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## Case Study #1178130

### Patient

68 yr old

### Diagnosis

Diabetes with  
peripheral neuropathy

### Condition

Wagner Grade 2 diabetic  
foot ulcers



FEB 19 | 2018



APRIL 06 | 2018

Wound care regimen begins to be administered  
twice per week.



JULY 06 | 2018

ShearBan strategically applied to targeted  
areas of orthopedic insoles.

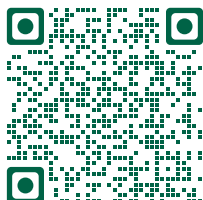


JUNE 31 | 2019

Ulcers are completely healed after 12 months. ShearBan  
use continues to help prevent recurrence.

Case study report courtesy of:  
Luis Rodil Peralta, BOCPD  
Hospital y Unidad de Pie Diabetico  
Lomas Altas, Guatemala

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## Case Study #1180510

### Patient

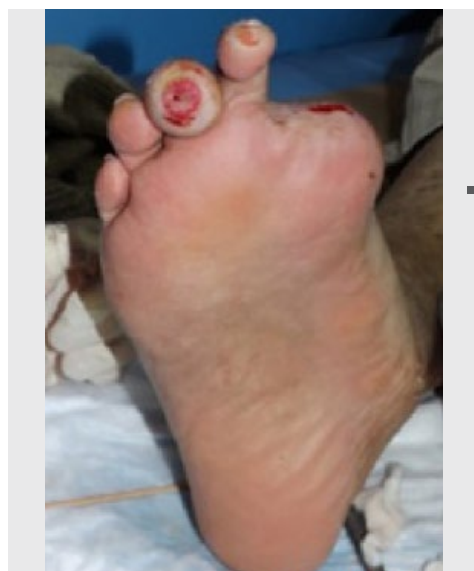
57 yr old male

### Diagnosis

Diabetes with peripheral neuropathy

### Condition

Wagner Grade 2 diabetic foot ulcers  
Toe amputation



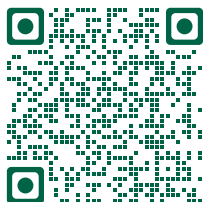
MAY 04 | 2018



ShearBan strategically applied to targeted areas of orthopedic insoles.

Case study report courtesy of:  
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Hospital y Unidad de Pie Diabetico  
Lomas Altas, Guatemala

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JUNE 01 | 2018

Nearly complete closure and healing of foot ulcers after 27 days. Use of ShearBan continues.

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## Case Study #1186967

### Patient

49 yr old male

### Diagnosis

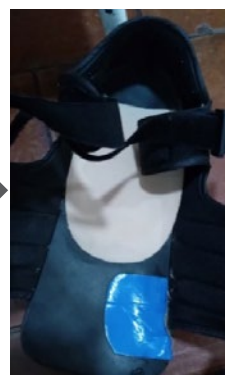
Diabetes with peripheral neuropathy

### Condition

Wagner Grade 1 diabetic foot ulcer



SEPT 06 | 2022



SEPT 06 | 2022

ShearBan strategically applied to targeted areas of orthopedic insoles.



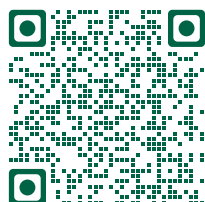
Case study report courtesy of:  
Luis Rodil Peralta, BOCPD  
Hospital y Unidad de Pie Diabetico  
Lomas Altas, Guatemala



DEC 06 | 2022

Nearly complete closure and healing of foot ulcer after 93 days.  
Use of ShearBan continues.

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## Case Study #1187081

**Patient**  
39 yr old

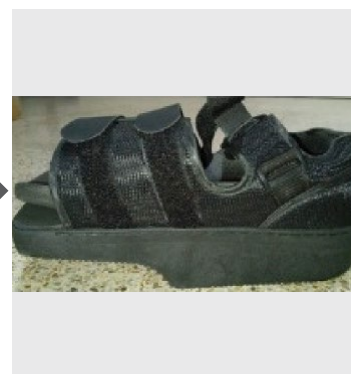
**Diagnosis**  
Diabetes with peripheral  
neuropathy

**Condition**  
Wagner Grade III diabetic foot  
ulcer



MAY 29 | 2023

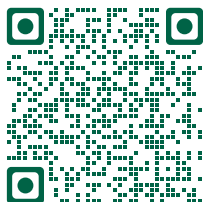
Case study report courtesy of:  
Luis Rodil Peralta, BOCPD  
Hospital y Unidad de Pie Diabetico  
Lomas Altas, Guatemala



MAY 29 | 2023

ShearBan strategically applied to targeted area of plastazote mold in the offloading sandal.

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JUNE 20 | 2023

Complete wound closure and nearly  
complete healing of foot ulcer after 23  
days. ShearBan use continues.

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## Case Study #DJ-SB1

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### Patient

Geriatric male

### Diagnosis

Diabetes with peripheral  
neuropathy

### Condition

Recurring Wagner Grade 1  
diabetic foot ulcer and callous



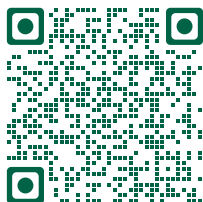
### DATE UNKNOWN

Initial patient evaluation. Applied ShearBan to a  
targeted area of patient's footwear

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Case study report courtesy of:  
Dennis J. Janisse, C Ped.  
National Pedorthic Services  
Milwaukee, WI USA

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### 3 MONTHS LATER

Foot ulcer wound has completely healed.

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## Case Study #DJ-SB2

### Patient

50 yr old male

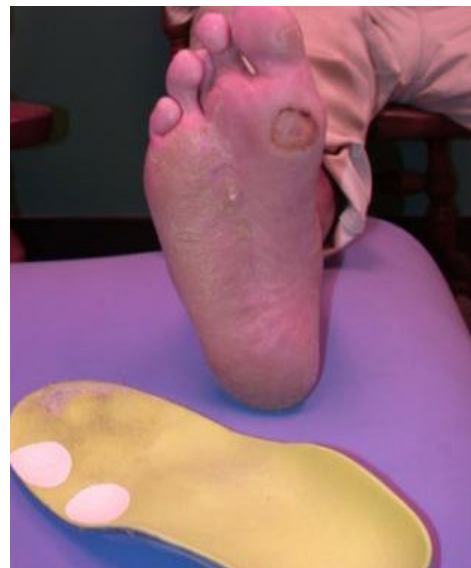
### Diagnosis

Type 2 Diabetes with peripheral neuropathy

### Condition

Wagner Stage 2 diabetic foot ulcers on first toe and base of first metatarsal head

Previous amputations

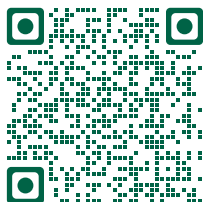


### DATE UNKNOWN

Initial patient evaluation. Applied ShearBan to a targeted area of patient's orthopedic insoles.

Case study report courtesy of:  
Dennis J. Janisse, C Ped.  
National Pedorthic Services  
Milwaukee, WI USA

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### 3 MONTHS LATER

Nearly complete closure and healing of foot ulcer.  
Use of ShearBan continues.

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## Case Study #DJ-SB3

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### Patient

70 yr old female

### Diagnosis

Rheumatoid Arthritis

### Condition

Blisters and painful skin  
irritation



DATE UNKNOWN

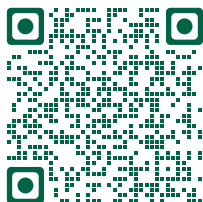
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*Case study report courtesy of:*  
Dennis J. Janisse, C Ped.  
National Pedorthic Services  
Milwaukee, WI USA



DATE UNKNOWN

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## Case Study #7659

### Patient

Unknown

### Diagnosis

Myelomeningocele and equinus varus left leg length discrepancy.

### Condition

Central-distal heel ulcer, located distal of tuber calcaneus, due to flaccid deformity and neurological insensitivity.

Case study report courtesy of:  
Luis Rodil Peralta, BOCPD  
Hospital y Unidad de Pie Diabetico  
Lomas Altas, Guatemala

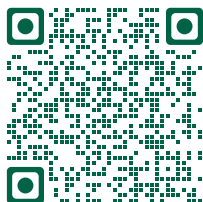


DATE UNKNOWN



ShearBan® patch application at several strategically relevant locations

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**2.5 MONTHS LATER**

Skin closure achieved in 2.5 months  
Foot ulcer has completely healed



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## Case Study #8297

### Patient

Unknown

### Diagnosis

Diabetes mellitus for 20 years;  
peripheral neuropathy

### Condition

Wagner Grade 1 diabetic  
foot ulcer at second  
metatarsal head

Prior amputation of second toe  
on left foot

Case study report courtesy of:  
Luis Rodil Peralta, BOCPD  
Hospital y Unidad de Pie Diabetico  
Lomas Altas, Guatemala



**DEC 10 | 2013**

ShearBan® patch overlapping the ulceration site applied to standard orthotic insert.



**FEB 25 | 2014**

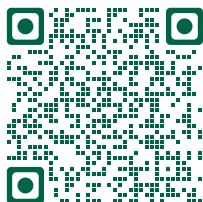
>90% wound closure within 2½ months



**JAN 13 | 2016**

Total skin closure with ShearBan® patch reported after  
approx. 3 months

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## Case Study #8303

### Patient

Unknown

### Diagnosis

Neurological dysfunction as a result of myelomeningocele.

### Condition

Central-distal heel ulcer, located distal of tuber calcaneus, due to flaccid deformity and neurological insensitivity.

Case study report courtesy of:  
Luis Rodil Peralta, BOCPD  
Hospital y Unidad de Pie Diabetico  
Lomas Altas, Guatemala



NOV 13 | 2013



NOV 13 | 2013

Standard medical orthotic insert w/ ShearBan patch



DEC 03 | 2013

95% wound closure achieved within first 20 days

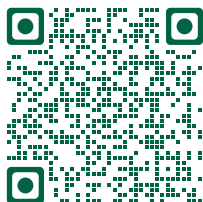


FEB 09 | 2014

Skin closure at ShearBan® patch location after approx. 30 days.

Foot ulcer has completely healed

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## Case Study #9092

### Patient

56 yr old

### Diagnosis

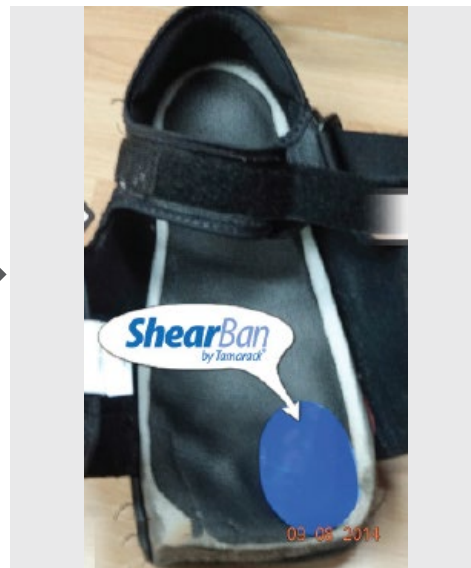
Type 2 Diabetes Mellitus  
for 13 yrs

### Condition

Wagner Grade I diabetic foot  
ulcer, medio-distally located on  
first toe.



AUG 20 | 2015



AUG 20 | 2015

Standard medical, post-op shoe, custom insert  
ShearBan® patch installed at great toe area

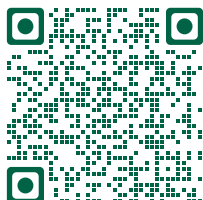
Case study report courtesy of:  
Luis Rodil Peralta, BOCPD  
Hospital y Unidad de Pie Diabetico  
Lomas Altas, Guatemala



SEPT 08 | 2015

90% wound closure within 19 days of treatment

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## Case Study #9181

### Patient

78 yr old

### Diagnosis

Diabetes Mellitus for 40 yrs,  
peripheral neuropathy

### Condition

Wagner Grade I diabetic foot  
ulcer, distal-anteriorly located  
on first toe.



AUG 20 | 2015



AUG 20 | 2015

Carville® transitional healing sandal with custom  
Plastazote® insert

ShearBan® patch installed at great toe area

Case study report courtesy of:  
Luis Rodil Peralta, BOCPD  
Hospital y Unidad de Pie Diabetico  
Lomas Altas, Guatemala

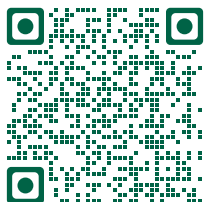


SEPT 08 | 2015

Complete skin closure within 6½ months of treatment



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## Case Study #9297

### Patient

29 yr old

### Diagnosis

Diabetes Mellitus for 14 years.

### Condition

Wagner Grade I diabetic foot ulcer, located at head of second metatarsal



NOV 04 | 2014



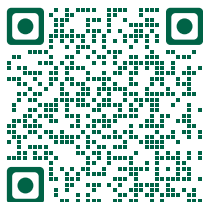
NOV 04 | 2014

Carville® transitional healing sandal with custom Plastazote® insert

ShearBan® patch installed at second metatarsal location

Case study report courtesy of:  
Luis Rodil Peralta, BOCPD  
Hospital y Unidad de Pie Diabetico  
Lomas Altas, Guatemala

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NOV 28 | 2014

80% skin closure achieved within first 24 days of treatment

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## Case Study #10157

### Patient

Unknown

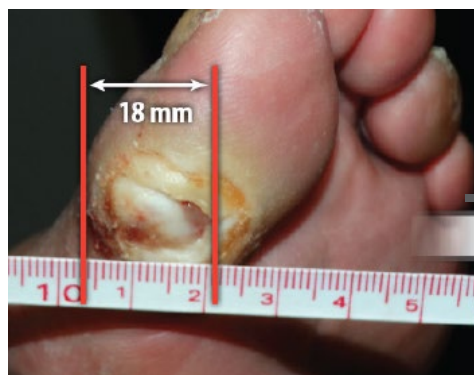
### Diagnosis

Diabetes Mellitus for more than 20 years.

### Condition

Wagner Grade II diabetic foot ulcer, located at medial aspect of first toe

Case study report courtesy of:  
Luis Rodil Peralta, BOCPD  
Hospital y Unidad de Pie Diabetico  
Lomas Altas, Guatemala



FEB 12 | 2015



FEB 12 | 2015

Carville® transitional healing sandal with custom Plastazote® insert

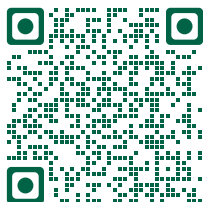
ShearBan® patch installed at great toe



MARCH 04 | 2015

100% wound closure achieved within first 20 days of treatment

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## Case Study #10483

### Patient

27 yr old

### Diagnosis

Diabetes Mellitus; Neuropathy.

### Condition

Wagner Grade I diabetic foot ulcer, located transverse of metatarsal heads



FEB 12 | 2015

Case study report courtesy of:  
Luis Rodil Peralta, BOCPD  
Hospital y Unidad de Pie Diabetico  
Lomas Altas, Guatemala



FEB 12 | 2015

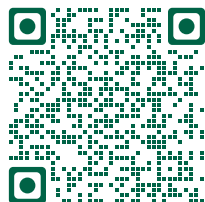
Orthotic insert with full transverse width ShearBan® patch installation at metatarsal heads area



MARCH 04 | 2015

80% skin closure achieved within first 45 days of treatment

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## Case Study #10729

### Patient

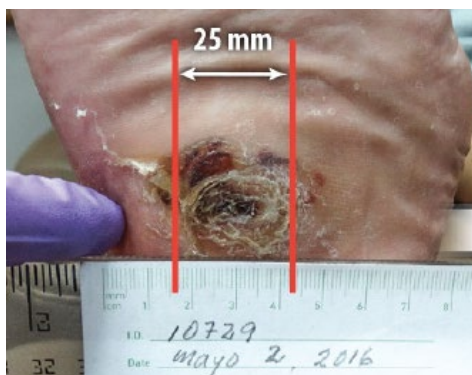
39 yr old

### Diagnosis

Diabetes Mellitus with Charcot foot and peripheral neuropathy.

### Condition

Wagner Grade 0 diabetic foot ulcer, located distal-lateral hind of right foot



MAY 02 | 2015



MAY 02 | 2015

Transitional healing sandal, custom orthotic insert

ShearBan® patch installation in distal-lateral calcaneal area

Case study report courtesy of:  
Luis Rodil Peralta, BOCPD  
Hospital y Unidad de Pie Diabetico  
Lomas Altas, Guatemala

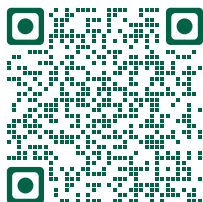


MAY 31 | 2015

Complete healing skin closure & callus suppression achieved within 29 days of treatment.



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