



# Key Points

- **Archangel** includes the ability to document 15 data elements associated with debridement
- Documenting debridement is available on both the **Archangel** Mobile app and Web app for Surgical Debridement and Sharp Debridement
- The PDF Assessment Report includes all debridement data and photos
- For more details and screens shots see
  - Page 3 – Data Elements
  - Page 4 thru 9 – Web app
  - Page 11 thru 23 – Mobile app

# Debridement Data Elements Collected

1. Photo of wound
2. Measurement of wound
3. Reason for debridement
4. Method of debridement
5. Anesthetic used
6. Debridement instrument used
7. Signs of infection, culture or tissue biopsy and results
8. Wound bed tissue composition
9. Depth of debridement
10. Elements exposed
11. Debridement surface area
12. Blood loss type and notes
13. Type of incision and drainage of abscess
14. Cellular tissue product (if used) with picture of product and lot #
15. Debridement Notes

# Web App – Debridement Screens



Orders



Patients



Dashboard



Products



Settings



Learning



Wounds

Last Name  
Jay

First Name  
Janet

Gender  
Female

DOB  
04/29/1951

Medical Record  
345335



## Wounds, Assessments & Treatments

Add / Edit Assessment

Wound  
1

Assessment  
2

Location  
Pelvic Region Right Side

Assessment  
(Required)

Debride, Cleanse / Wound  
(Optional)

Wound Bed  
(Optional)

Misc.  
(Optional)

Risk Factors  
(Optional)

Debridement Method

Choose

Wound Cleanser

Choose

Wound Image



Upload Image

Limb/Body Segment Image



Upload Image

Save

Return

Treatment

✓ Choose

Autolytic

Mechanical

Hydro-mechanical

Enzymatic

Biologic

Surgical

Sharp

Choosing any of these will  
bypass the Debridement tab

Choose either Surgical or Sharp  
to access Debridement Tab

After choosing either Surgical or Sharp, this opens access to Debridement Tab

| Debridement Method                                                                                                                                                                                               |  | Wound Cleanser                                                                                                                     |  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|------------------------------------------------------------------------------------------------------------------------------------|--|
| <div>Surgical</div>                                                                                                                                                                                              |  | <div>Choose</div>                                                                                                                  |  |
| <div><div>Debridement</div><div>Post - Debridement</div></div>                                                                                                                                                   |  |                                                                                                                                    |  |
| <div>Image #1 – Pre-debridement</div> <div><div></div><div>Upload Image</div></div>                                                                                                                              |  | <div>Image #2 – Pre-debridement</div> <div><div></div><div>Upload Image</div></div>                                                |  |
| <div>Wound measurement (cm) – Pre-debridement</div> <div><div>Length</div><div></div><div>Width</div><div></div><div>Depth</div><div></div><div>Wound Square Area (cm2) =</div></div>                            |  |                                                                                                                                    |  |
| <div>Reason (Choose Any)</div> <div><div><input type="checkbox"/> Removal of devitalized tissue</div><div><input type="checkbox"/> Removal of biofilm</div></div>                                                |  | <div>Method (Choose One)</div> <div><div><input type="radio"/> Selective</div><div><input type="radio"/> Non-selective</div></div> |  |
| <div>Type of incision and drainage of abscess (Choose One)</div> <div><div><input type="radio"/> Simple (10060)</div><div><input type="radio"/> Complex (10061)</div><div><input type="radio"/> None</div></div> |  |                                                                                                                                    |  |

Continued screen on next page . . .

## Anesthetic

### Topical *(Choose One)*

- ☐ Lidocaine
- ☐ Benzocaine
- ☐ Tetracaine
- ☐ Prilocaine
- ☐ Vapocoolant

### Topical Formulation *(Choose One)*

- ☐ Gel
- ☐ Solution
- ☐ Spray

### Injectable *(Choose One)*

- ☐ Lidocaine w/ephenephrine
- ☐ Lidocaine

### Instruments *(Choose Any)*

- ☐ Nippers
- ☐ Curette
- ☐ Scalpel
- ☐ Scissors
- ☐ AgNO3
- ☐ Forceps (Pickups)
- ☐ Ronqueur

### Infection *(Choose One)*

- ☐ Yes
- ☐ No

### Infection Signs *(Choose Any)*

- ☐ Erythema
- ☐ Warmth
- ☐ Drainage
- ☐ Odor
- ☐ Tenderness
- ☐ Bogginess
- ☐ Edema

### Culture Swab or Tissue Biopsy *(Choose One)*

- ☐ Culture Swab
- ☐ Tissue Biopsy
- ☐ None

### Culture Result *(Choose One)*

- ☐ Positive
- ☐ Negative
- ☐ Unknown

### Selective Debridement Surface Area *(Choose Any)*

- ☐ First 20 sq cm (97597)
- ☐ Each additional 20 sq cm (97598)

Continued screen on next page . . .

**Wound Bed Tissue Type %'s – Pre-debridement****Total - 0 %**

Epithelial

Granulation

Slough

Eschar

Scabbed

Fluid filled blister

Blood filled blister

Other (describe below)

**Wound Bed Notes**

Enter Notes

**Depth**

- ☐ Subcutaneous (11042)
- ☐ Subcutaneous + 20 sq cm (11045)

**Exposure** *(Choose Any)*

- ☐ Fascia
- ☐ Tendon
- ☐ Fat
- ☐ Joint Capsule
- ☐ Muscle
- ☐ Periosteum / Bone

**Blood Loss** *(Choose One)*

- ☐ Yes
- ☐ No

**Type of Blood Loss** *(Choose Any)*

- ☐ Hemostasis Pressure
- ☐ Gel-foam
- ☐ Thrombin
- ☐ Capsule
- ☐ Muscle
- ☐ Periosteum / Bone

Continued screen on next page . . .

**Blood Loss Notes**

Enter Notes

**Will Cellular and/or Tissue Based Product (CTPs) be applied after debridement?**

- ☐ Yes
- ☐ No

**CTP Image 1**



Upload Image

**CTP Image 2**



Upload Image

**Debridement Notes**

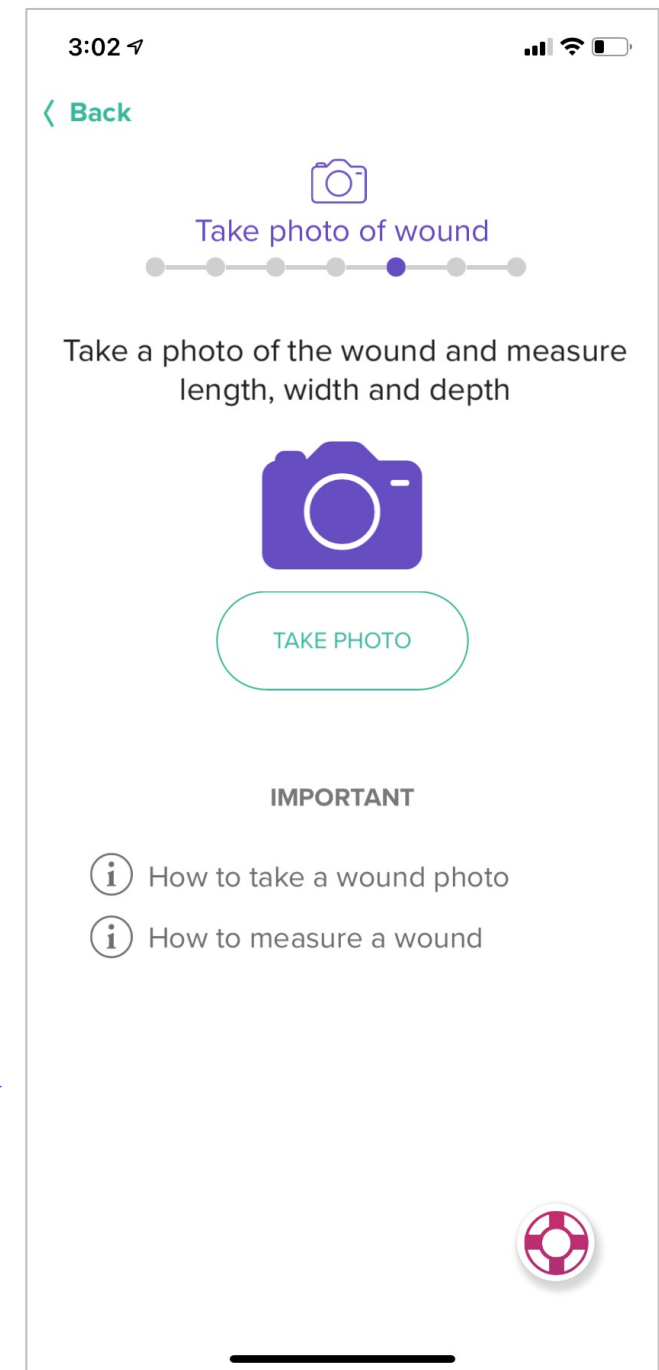
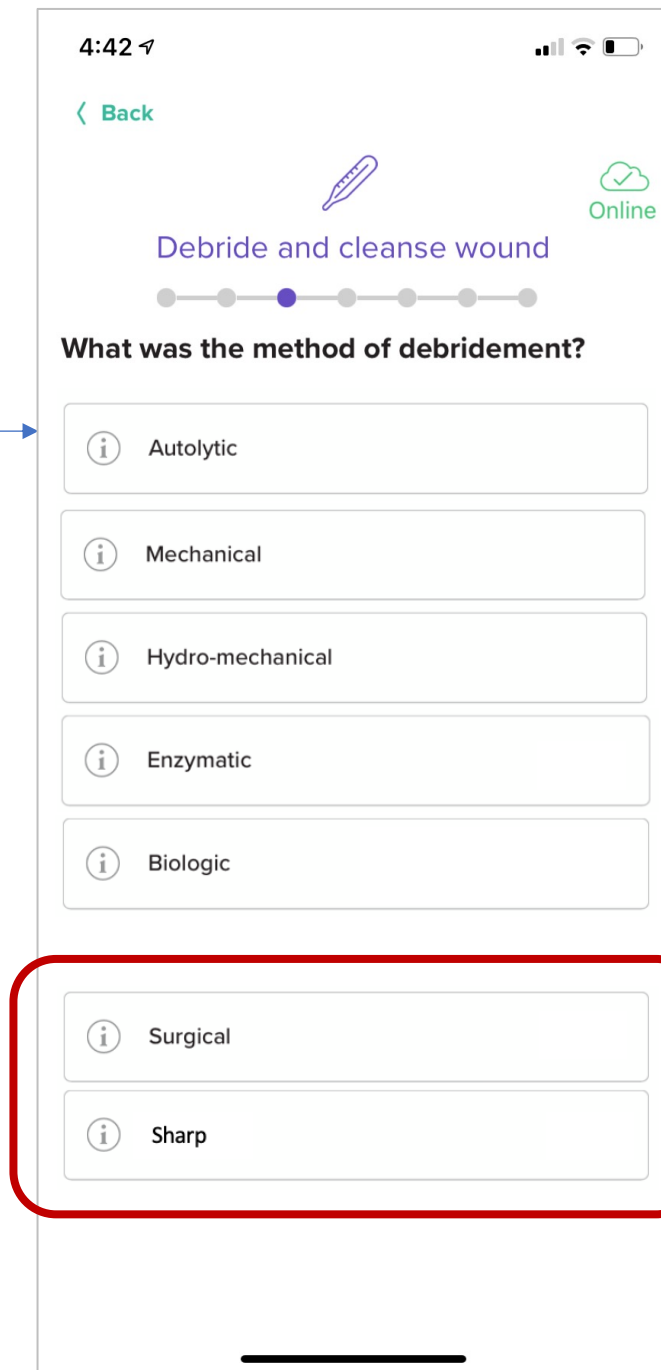
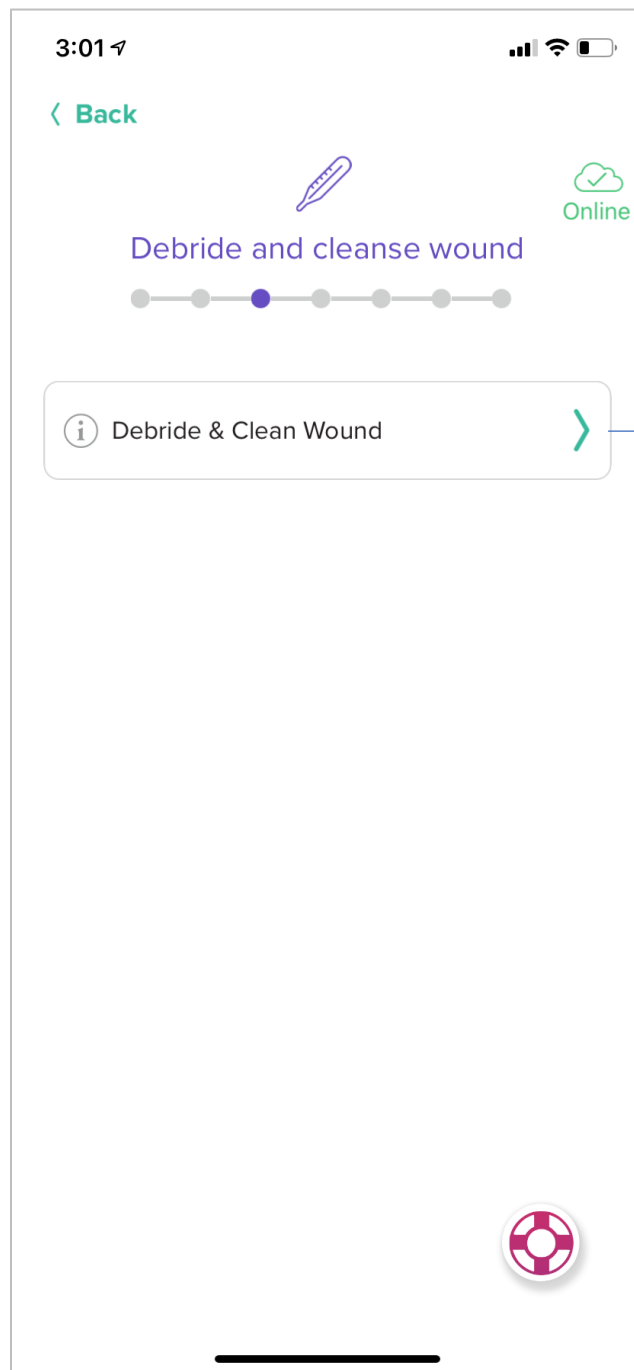
Enter Notes

Save

Return

Treatment

# Mobile App – Debridement Screens



Measurement – measurement device method (tape measure, etc.)

3:02

Back

Debride and cleanse wound

Online

How do you want to measure the wound (pre-debridement)?

Measurement device  
(manual – tape measure, etc.)

Archangel Method

11:00

Back

Wound Length

Enter a measurement (centimeters):

Enter ...

Wound Width

Enter a measurement (centimeters):

Enter ...

Wound Depth

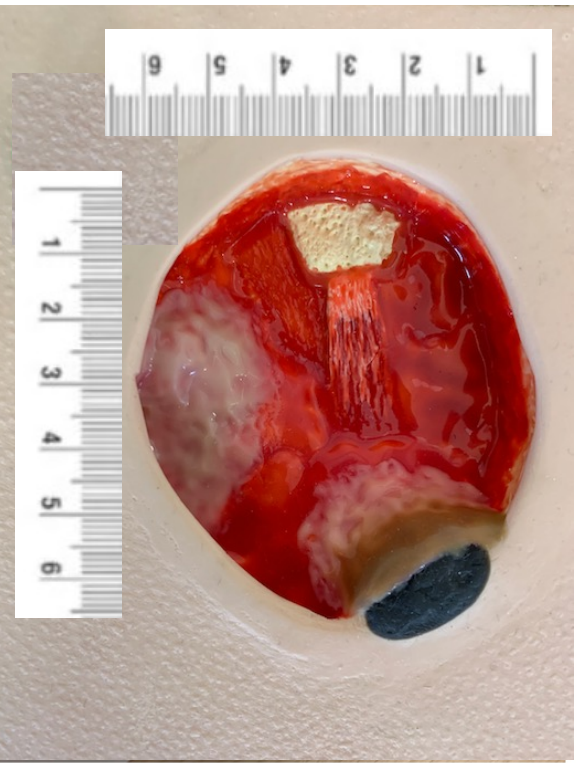
Enter a measurement (centimeters):

Enter ...

3:03

Back

Confirm and Save



Length (Head to Toe) cm : 4.49

Width (Hip to Hip) cm : 3.47

Depth cm : 1.5

SAVE

# Measurement – Archangel method

3:02

Back

Online

Debride and cleanse wound

How do you want to measure the wound (pre-debridement)?

Measurement device (manual)

Archangel Method

3:02

Back

Take photo of wound

Take a photo of the wound and measure length, width and depth

TAKE PHOTO

IMPORTANT

① How to take a wound photo

① How to measure a wound

Next

4:47

Back

1. Measure Reference Marker

POSITION LINE

ADJUST LINE

Next

4:47

Back

2. Measure Wound Length

POSITION LINE

ADJUST LINE

6.88 CM

Next

4:47

Back

3. Measure Wound Width

POSITION LINE

ADJUST LINE

5.89 CM

Next

2:30

Back

4. Mark Deepest Part of Wound

POSITION LINE

ADJUST LINE

Tap pink dot to mark the location of the deepest part of wound

Next

2:30

Back

4. Mark Deepest Part of Wound

POSITION LINE

ADJUST LINE

Tap pink dot to mark the location of the deepest part of wound

Next

4:47

Back

Wound Depth (centimeters)

Enter a measurement:

Enter...

1 2 3 4 5 6 7 8 9 0

Next

4:48

Back

Wound Depth (centimeters)

Enter a measurement:

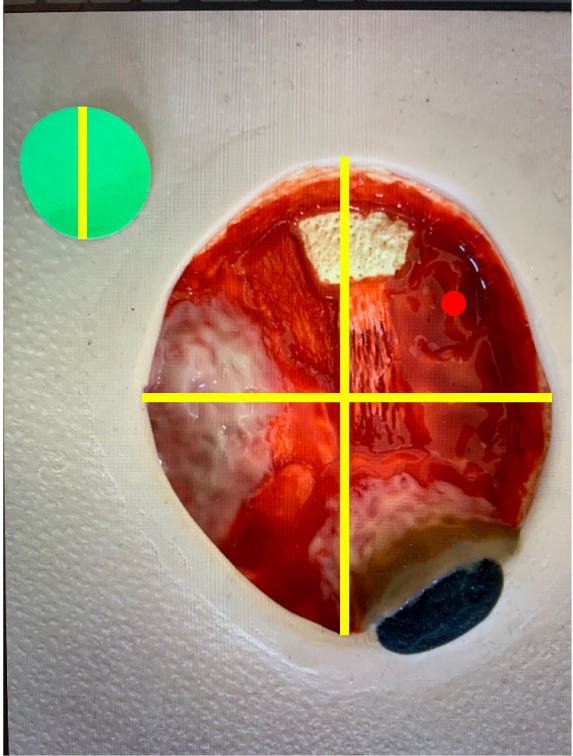
1.2

CONTINUE

4:48

Back

Confirm and Save



Length (Head to Toe) cm : 4.49

Width (Hip to Hip) cm : 3.47

Depth cm : 1.5

● = Deepest part of wound

SAVE

Take another Photo – Pre-Debridement

4:48

Back

Camera icon

Online

Take photo of wound

Do you want to take another photo of full limb or body segment?

YES

NO

4:48

Back

Wound Assessment

Do you want to continue assessment or save and finish later?

Save & Continue

Save & Finish later

3:02

< Back



Debride and cleanse wound



**What was the reason for debridement?  
(choose any that apply)**

☒ Removal of devitalized tissue

☒ Removal of biofilm

NEXT

3:02

< Back



Debride and cleanse wound



**What surgical debridement method was  
used? (choose one)**

☒ Selective

☐ Non-Selective

NEXT

3:02

< Back



Debride and cleanse wound



**What anesthetic was used?  
(choose all that apply)**

**Topical**

☒ Lidocaine

☐ Benzocaine

☐ Tetracaine

☐ Prilocaine

Vapocoolant

**Topical Formulation**

☒ Gel

☐ Solution

☐ Spray

**Injectable**

☐ Lidocaine with ephenephine

☐ Lidocaine

3:02

Back

Debride and cleanse wound

Online

What debridement instruments were used (choose any that apply)?

☐ Nippers

☒ Curette

☐ Scalpel

☒ Scissors

☐ AgNO3

☐ Forceps (Pickups)

NEXT

7:04

Back

Wound Bed Tissue Type

Total **100%**

Tap a % for any that apply - total must equal 100%

Epithelial

20

25

30

35

40

Granulation

0

5

10

15

20

Slough

0

5

10

15

20

Eschar

15

20

25

30

35

Scabbed

0

5

10

15

20

NEXT

Signs of Infection and culture or tissue biopsy

3:02

Back

Debride and cleanse wound

Online

Are there signs of infection?

Yes

No

3:02

Back

Debride and cleanse wound

Online

What are the signs of infection? (choose any that apply)

☒ Erythema

☐ Warmth

☐ Drainage

☐ Odor

☐ Tenderness

☐ Bogginess

☐ Edema

NEXT

3:02

Back

Debride and cleanse wound

Online

Was a culture swab or tissue biopsy taken? (choose one)

☐ Culture Swab

☐ Tissue Biopsy

☒ No

NEXT

3:02

Back

Debride and cleanse wound

Online

What was the result of the culture test?  
(choose one)

☐ Positive

☐ Negative

☐ Skip or unknown

NEXT

3:02

Back

Debride and cleanse wound

Online

What is the debrided depth? (choose  
all that apply)

☒ Subcutaneous (11042)

☒ Subcutaneous + 20 sq cm (11045)

☒ Muscle and/or Fascia (11043)

☐ Muscle and/or Fascia + 20 sq cm  
(11046)

☐ Bone (11044)

☐ Bone + 20 sq cm (1047)

NEXT

3:02

Back

Debride and cleanse wound

Online

What was exposed during debridement?  
(choose all that apply)

☒ Fascia

☒ Tendon

☐ Fat

☐ Joint Capsule

☐ Muscle

☐ Periosteum / Bone

NEXT

3:02



< Back



Online

Debride and cleanse wound



**What is the selective debridement surface area? (choose all that apply)**



First 20 sq cm (97597)



Each additional 20 sq cm (97598)

NEXT



3:02

< Back



Online

Debride and cleanse wound

Was there blood loss during debridement?  
(choose one)

☒ Yes

☐ No

NEXT

3:02

< Back



Online

Debride and cleanse wound

Type of blood loss during debridement?  
(choose all that apply)

☒ Hemostasis Pressure

☒ Gel-foam

☐ Thrombin

☐ Capsule

☐ Muscle

☐ Periosteum / Bone

NEXT

3:02

< Back

Notes on the AMOUNT  
of blood loss

Click the microphone button to  
record your dictation

Click the close button X to stop recording

Type Notes using phone keyboard

Skip

Clear

3:02 ↵



< Back



Online

Debride and cleanse wound



**What is the type of incision and drainage of abscess? (choose one)**

- ☒ Simple (10060)
- ☒ Complex (10061)
- ☐ None

NEXT



