



## Pediatric Surgical Wounds Coverage | Day of Surgery

Transparent vs Padded vs Topical Skin Adhesive for Pediatric Surgical Wounds — A Multicenter, Randomized Controlled Study  
TSA: Topical Skin Adhesive | NTPD: Non-Transparent Padded Dressing | TNPD: Transparent Non-Padded Dressing

### Patient Info

1

Center name

- ☐ Al-Basheer H
- ☐ JUH
- ☐ KAUH
- ☐ QRCH

2

Pt Name

3

File Number or National Number

The unique identification number used in each center.

The value must be a number

4

Date of Birth

5

Age at surgery (years)

Only Pts from 3-14 years are included

- ☐ 3
- ☐ 4
- ☐ 5
- ☐ 6
- ☐ 7
- ☐ 8
- ☐ 9
- ☐ 10
- ☐ 11
- ☐ 12
- ☐ 13
- ☐ 14

6

Gender

- ☐ Male
- ☐ Female

7

Has the child any of the following disorders that affects normal wound healing?

	Yes	No
Skin infection or dermatitis at the site of surgery	<input type="radio"/>	<input type="radio"/>
Immunodeficiencies	<input type="radio"/>	<input type="radio"/>
DM (type 1)	<input type="radio"/>	<input type="radio"/>
Malnutrition or FTT	<input type="radio"/>	<input type="radio"/>
Genetic Skin Disorders	<input type="radio"/>	<input type="radio"/>
Connective Tissue Disorders	<input type="radio"/>	<input type="radio"/>

## Surgery Details

8

Date of surgery



9

Name of surgery

10

Category of surgery

- ☐ H&N
- ☐ Chest
- ☐ GI
- ☐ Hepatobiliary and pancreatic
- ☐ Urogenital
- ☐ Inguinoscrotal
- ☐ Extremities
- ☐ The Back

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Surgical technique  
The main one

- ☐ Open
- ☐ Minimally invasive
- ☐ Combined (Open + MIS)

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Number of separate wounds

- ☐ 1
- ☐ 2
- ☐ 3
- ☐ 4
- ☐ 5 or more

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Approximate length of the longest wound (cm)

- ☐ 0.3-0.5
- ☐ 1-3
- ☐ 4-6
- ☐ 7-10
- ☐ more than 10

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Wound classification  
Contaminated and dirty wounds are excluded

- ☐ Clean
- ☐ Clean-contaminated

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Type of skin closure (the superficial layer)  
Answer for the longest wound in the case of multiple wounds

- ☐ No stitches were applied
- ☐ Subcuticular absorbable stitches were used
- ☐ Subcuticular non-absorbable stitches were used
- ☐ Interrupted absorbable stitches were used
- ☐ Interrupted non-absorbable stitches were used

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Duration of surgery (hours)

- ☐ 0.5-1
- ☐ >1 - 2
- ☐ >2 - 4
- ☐ >4

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Antibiotics use

	Yes	No
Pre-op prophylactic ABx given	<input type="radio"/>	<input type="radio"/>
Post-op prophylactic ABx given	<input type="radio"/>	<input type="radio"/>
Post-op therapeutic ABx given	<input type="radio"/>	<input type="radio"/>

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Known allergy/sensitivity to cyanoacrylates, adhesive tapes, or dressing components

- ☐ No
- ☐ Yes

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Presence of surgical drains exiting through the primary incision

- ☐ No
- ☐ Yes

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## Study Group

**TSA:** Glubran® Tiss 2 0.25ml. **TNPD:** Tegaderm or any equivalent IV access covering, Opsite sheet, or any transparent film dressing. **NTPD:** Gauze with adhesive tapes, Airstrep/Mepore dressing, or any equivalent. **Excluded items:** Opsite spray, ehistreps, or steristreps.



Topical Skin Adhesive  
(TSA)



Transparent Non-  
Padded Dressing  
(TNPD)



Non-Transparent  
Padded Dressing  
(NTPD)

- ☐ Transparent Non-Padded Dressing (TNPD)
- ☐ Non-Transparent Padded Dressing (NTPD)
- ☐ Topical Skin Adhesive (TSA)

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Pain scale (FACES)

Filled by caregiver



- ☐ 0 = No hurt
- ☐ 2 = Hurts a little bit
- ☐ 4 = Hurts a little more
- ☐ 6 = Hurts even more
- ☐ 8 = Hurts a whole lot
- ☐ 10 = Hurts as much as you can imagine

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Parent or caregiver's perception of the wound dressing experience for their child

Filled by caregiver after verbally asking one or both of the parents.

	Strongly disagree	Disagree	Neutral	Agree	Strongly agree
The wound dressing looks easy to manage at home	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
My child seems comfortable while having this dressing	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I feel confident in monitoring the wound with this dressing	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The dressing helped reduce my anxiety about wound length and shape	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The dressing seems to stay in place and did not require frequent changes	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The wound is looking clean and well-protected	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Overall, I am satisfied with the wound dressing used for my child	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

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Early dressing findings/complications

Filled by caregiver

	No	Yes	Cannot be assessed while the wound is covered
Skin redness/dermatitis/cellulitis	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Skin blistering	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Wound swelling/edema	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Wound itching	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Continuous oozing/ leak of SSF or blood	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Wound hematoma formation	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Early dressing detachment and the need to change or re-cover by same dressing	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Early dressing detachment and the need to change or re-cover by different type dressing	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Wound pus discharge or enteric content	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Wound dehiscence	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>



## Pediatric Surgical Wounds Coverage | Day 7 ( $\pm 2$ ) Post-op.

Transparent vs Padded vs Topical Skin Adhesive for Pediatric Surgical Wounds — A Multicenter, Randomized Controlled Study  
TSA: Topical Skin Adhesive | NTPD: Non-Transparent Padded Dressing | TNPD: Transparent Non-Padded Dressing

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File Number or National Number

The unique identification number used in each center.

The value must be a number

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Date of Birth

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Gender

- ☐ Male
- ☐ Female

6

Date of this post-op. visit

7

Type of dressing was used

**TSA:** Glubran® Tis 2 0.25mL. **TNPD:** Tegaderm or any equivalent IV access covering, Opsite sheet, or any transparent film dressing. **NTPD:** Gauze with adhesive tapes, Airstrep/Mepore dressing, or any equivalent. **Excluded items:** Opsite spray, ethistreps, or streistreps.



Topical Skin Adhesive (TSA)



Transparent Non-Padded Dressing (TNPD)



Non-Transparent Padded Dressing (NTPD)

- ☐ Transparent Non-Padded Dressing (TNPD)
- ☐ Non-Transparent Padded Dressing (NTPD)
- ☐ Topical Skin Adhesive (TSA)

8

Current status of the dressing

- ☐ Still in place (original dressing)
- ☐ Still in place (changed dressing with same type)
- ☐ Still in place (changed dressing with different type)
- ☐ Removed by parents
- ☐ Removed by the child
- ☐ Removed by any health-caregiver
- ☐ Slipped away by itself

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Pain scale (FACES) on day 7 (±2)

Filled by caregiver

## Wong-Baker FACES Pain Rating Scale



- ☐ 0 = No hurt
- ☐ 2 = Hurts a little bit
- ☐ 4 = Hurts a little more
- ☐ 6 = Hurts even more
- ☐ 8 = Hurts a whole lot
- ☐ 10 = Hurts as much as you can imagine

10

Parent or caregiver's perception of the wound dressing experience for their child on day 7 (±2)

Filled by caregiver after verbally asking one or both of the parents.

	Strongly disagree	Disagree	Neutral	Agree	Strongly agree
The wound dressing was easy to manage at home	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
My child was comfortable while having this dressing	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I felt confident in monitoring the wound with this dressing	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The dressing helped reduce my anxiety about wound length and shape	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The dressing stayed in place and did not require frequent changes	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The wound is looking clean and well-protected	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Overall, I am satisfied with the wound dressing used for my child	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

11

Findings/complications after dressing removal

Filled by caregiver

	No	Yes
Skin redness/ dermatitis/ cellulitis	<input type="radio"/>	<input type="radio"/>
Skin blistering	<input type="radio"/>	<input type="radio"/>
Wound swelling/ edema	<input type="radio"/>	<input type="radio"/>
Wound itching	<input type="radio"/>	<input type="radio"/>
Continuous oozing/ leak of SSF or blood	<input type="radio"/>	<input type="radio"/>
Wound hematoma	<input type="radio"/>	<input type="radio"/>
Dressing was removed easily (either by doctors or parents)	<input type="radio"/>	<input type="radio"/>
Wound pus discharge or enteric content	<input type="radio"/>	<input type="radio"/>
Wound dehiscence	<input type="radio"/>	<input type="radio"/>
Wound tenderness	<input type="radio"/>	<input type="radio"/>



## Pediatric Surgical Wounds Coverage | Day 60 ( $\pm 10$ ) Post-op. (2)

Transparent vs Padded vs Topical Skin Adhesive for Pediatric Surgical Wounds — A Multicenter, Randomized Controlled Study  
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Date of Birth

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Gender

- ☐ Male
- ☐ Female

6

Date of this post-op. visit

7

Type of dressing was used

**TSA:** Glubran® Tis 2 0.25mL. **TNPD:** Tegaderm or any equivalent IV access covering, Opsite sheet, or any transparent film dressing. **NTPD:** Gauze with adhesive tapes, Airstrep/Mepore dressing, or any equivalent. **Excluded items:** Opsite spray, ethistrep, or steristrep.



Topical Skin Adhesive  
(TSA)



Transparent Non-  
Padded Dressing  
(TNPD)



Non-Transparent  
Padded Dressing  
(NTPD)

- ☐ Transparent Non-Padded Dressing (TNPD)
- ☐ Non-Transparent Padded Dressing (NTPD)
- ☐ Topical Skin Adhesive (TSA)

8

Current status of the dressing

- ☐ Still in place (original dressing)
- ☐ Still in place (changed dressing with same type)
- ☐ Still in place (changed dressing with different type)
- ☐ Wound is exposed



9

Pain scale (FACES) on day 60 (±10)

Filled by caregiver

Wong-Baker FACES Pain Rating Scale



0

2

4

6

8

10

NO HURT

HURTS  
LITTLE BIT

HURTS  
LITTLE MORE

HURTS  
EVEN MORE

HURTS  
WHOLE LOT

HURTS  
WORST

- ☐ 0 = No hurt
- ☐ 2 = Hurts a little bit
- ☐ 4 = Hurts a little more
- ☐ 6 = Hurts even more
- ☐ 8 = Hurts a whole lot
- ☐ 10 = Hurts as much as you can imagine

10

Parent or caregiver's perception of the wound dressing experience for their child on day 60 (±10)

Filled by caregiver after verbally asking one or both of the parents.

	Strongly disagree	Disagree	Neutral	Agree	Strongly agree
Overall, I am satisfied with the wound dressing used for my child	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

11

Findings/complications at day 60 (±10) post-op.

Filled by caregiver

	No	Yes
Skin redness/ dermatitis/ cellulitis	<input type="radio"/>	<input type="radio"/>
Skin blistering	<input type="radio"/>	<input type="radio"/>
Wound swelling/ edema	<input type="radio"/>	<input type="radio"/>
Wound itching	<input type="radio"/>	<input type="radio"/>
Continuous oozing/ leak of SSF or blood	<input type="radio"/>	<input type="radio"/>
Wound hematoma	<input type="radio"/>	<input type="radio"/>
Wound pus/ discharge or enteric content	<input type="radio"/>	<input type="radio"/>
Wound dehiscence	<input type="radio"/>	<input type="radio"/>
Wound tenderness	<input type="radio"/>	<input type="radio"/>