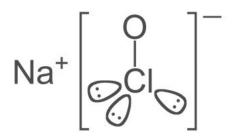
#### Disclosures



- This deck is intended for education of doctors and medical professionals
- Skin cleansing is an important first step in managing problem skin and scalp
- CLn offers a variety of skin cleansing products for normal, dry, oily, damaged and irritated skin
- CLn Acne cleanser is intended for treatment of acne
- The other CLn cleansers are not intended for treatment, prevention, cure or diagnosis of diseases
- CLn cleansers can be used as an alternative to bleach baths



# Skin Cleansing with Sodium Hypochlorite Washes







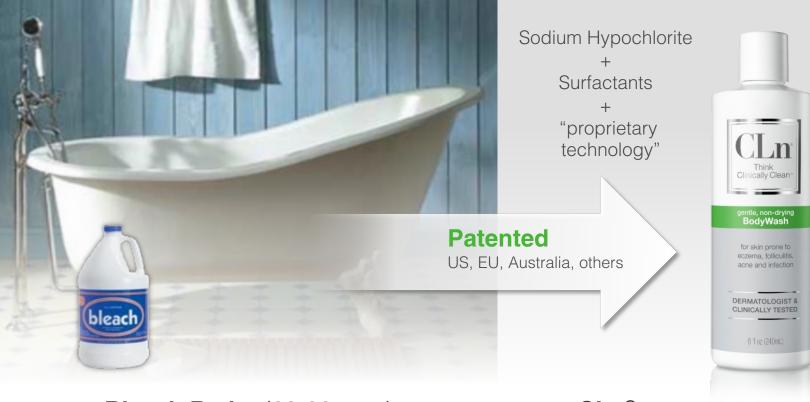
## Background



- Microbes and compromised skin lead to skin diseases in >100 million in the US:
  - Eczema / Atopic Dermatitis
  - Folliculitis and Acne
  - Body Odor and Athlete's Foot
  - Cellulitis & Impetigo
  - Skin infections also a risk of aesthetic and surgical procedures
- Antibiotic overuse leads to antimicrobial resistance and is a public health concern
- Often Rx products are used first while proper cleansing is ignored

#### The big idea; a sodium hypochlorite wash





#### Bleach Baths (60-90 ppm)

- Anti-microbial
- Anti-inflammatory
- Effective
- Cumbersome
- Poor patient compliance
- Risks + do not use above neck

#### **CLn®**

- Anti-microbial
- Anti-inflammatory
- Effective
- Easy to use
- Good patient compliance
- Safe

## Sodium Hypochlorite Benefits



#### Sodium hypochlorite via medicated baths (bleach baths) is:

- Bactericidal to staph, multiple microbes and used for staph decolonization protocols \*
- Anti-inflammatory: modulate signaling proteins and inflammatory responses in the skin (reduced NF-kB)\*\*
- Anti–aging: enhanced epidermal thickness and proliferation, comparable to juvenile skin (reduced p16)\*\*
- Recommended for management of atopic dermatitis \*\*\*

Fritz SA, Camins BC, et al. Effectiveness of measures to eradicate Staphylococcus aureus carriage in patients with community-associated skin and soft-tissue infections: a randomized trial. Infect Control Hosp Epidemiol. 2011 Sep;32(9):872-80. DOI: 10.1086/661285

https://www.annallergy.org/article/S1081-1206(23)01455-2/fulltext

<sup>\*\*</sup>Thomas Leung, Lillian Zhang, et al J Clin Invest. 2013;123(12):5361-5370. <a href="https://www.jci.org/articles/view/70895">https://www.jci.org/articles/view/70895</a>

<sup>\*\*\*</sup> Atopic dermatitis (eczema) guidelines: 2023 American Academy of Allergy, Asthma and Immunology/American College of Allergy, Asthma and Immunology Joint Task Force on Practice Parameters GRADE- and Institute of Medicine-based recommendations

#### Research Summary





#### 2 CLn BodyWash Studies in AD with Staph colonization

•	Reduced	Staph	Aureus	colonization	100% to 64%
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•	EASI	score	improvement	46%
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•	Reduced itching	39%
	1 10 01010 0 01 110111110	00,0

Reduced corticosteroid usage 37%

Improved quality of life for child 38%

• Improved quality of life for parent 46%

CLn preferred over bleach baths 88%

View 1st Study

https://onlinelibrary.wiley.com/doi/10.1111/pde.12150

View 2<sup>nd</sup> Study

https://doi.org/10.1111/pde.13842

For speakers slide deck contact Dr. Anwar dranwar@clnwash.com

## Testing of CLn® BodyWash



- Epiocular<sup>™</sup> tissue in-vitro toxicity testing showed 'non-irritating'
- Patch testing showed no skin irritation or sensitization
- Meets the criteria for the US and European Pharmacopeia Antimicrobial Effectiveness Test
  - Test microorganisms used according to usp 51 test are
    - Staphylococcus aureus, E.coli, Ps.aeruginosa, Candida albicans and Aspergillus brasiliensis (Aspergillus niger)
    - With <10 viable count and a 4.2-5.0 log reduction by day 2</li>
  - Gauges the level of biological activity possessed by the preservative system of a pharmaceutical product
- · Kill Rates:
  - 99.9% kill rate of Cutibacterium Acnes at 30 and 60 seconds
  - 98% kill rate of Staphylococcus Aureus at 2 minutes
  - 99.9% kill rate of Staphylococcus Aureus at 3 and 5 minutes
  - 99.9% kill rate of Coronavirus at 15 and 30 seconds (50% dilution)

#### **CLn Product Dial**





#### **CLn Product Dial**





## Tailored skin cleansing with CLn



#### Face Care

#### Acne

#### Eczema and Rash

## **General Cleansing**

- HS
- Intertrigo
- Body odor

## **Itchy Scalp**

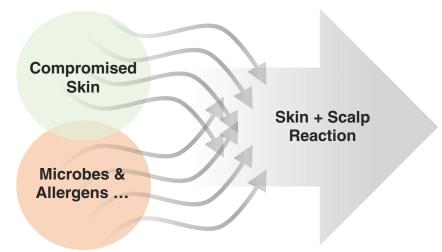
- Seb derm
- Folliculitis
- Scalp psoriasis

## **Sports**

- Folliculitis
- Skin infection

## Microbes & Allergens Worsen Compromised Skin





Staph Strep Cutibacterium Acnes Malassezia Biofilm





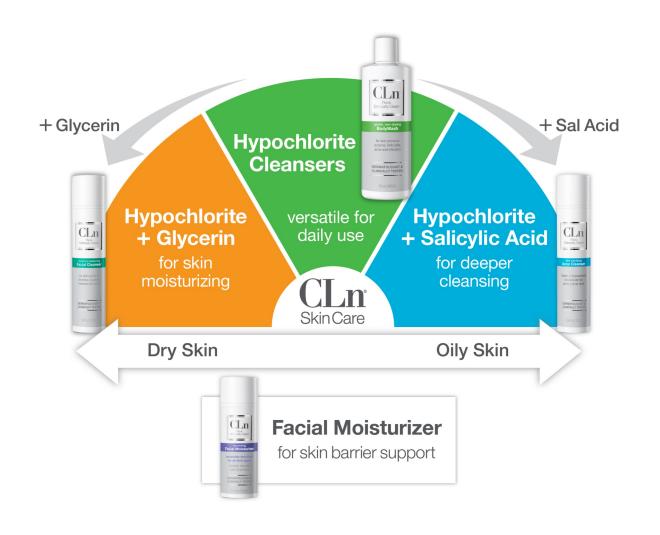
## Cleansing for Eczema and Rash





#### Acne & Face Care

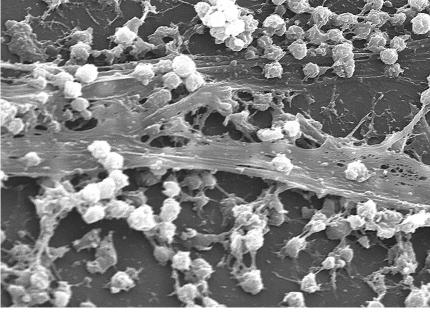




#### Work On a Clean Canvas

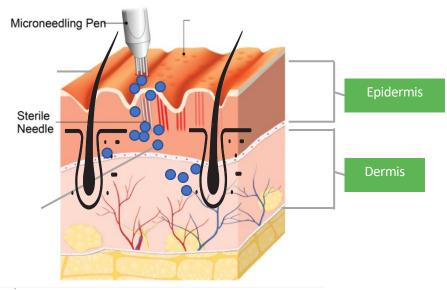








Non residue cleanser Prep pre procedure Avoid eyes



Zheng K, Oakley, A. Bleach baths in patients with skin infections. DermNet. https://dermnetnz.org/topics/bleach-batl

## Acne and Folliculitis (back acne)





## Scalp Cleansing





## General Cleansing





#### **Product Access**



CLnWash.com
Amazon
Walmart.com

Local Pharmacies
In Office Dispensing



## Products

## CLn® BodyWash







- For skin prone to eczema, dermatitis & rash
- Proprietary combination of
  - Sodium hypochlorite
  - Surfactants
- pH 7.8
- Gentle and does not impair skin barrier
- Non-residue cleanser
- Use daily head to toe
- Lather 2 minutes and rinse off in shower
- Available in 3.0, 3.4, 8 and 12 fl oz.
- \*Can use as leave on in special cases

## CLn® BodyWash



INGREDIENTS	FUNCTION
Water (Aqua)	Vehicle
Sodium Laureth Sulfate (SLES)	Anionic surfactant (thickener)
Cocamidopropyl Betaine	Amphoteric surfactant with acidic and basic groups in same molecule
Cocamide MEA	Non-ionic surfactant (chemical stability, mild on skin)
Disodium EDTA	Chelating Agent, preservative, stabilizer
Sodium Hypochlorite	Bleach, very effective disinfectant against bacteria, preservative



#### Instructions for Use



- Use hands to deliver / No wash cloth
- 2. May use on hair, face or body
- 3. Wet skin thoroughly, then turn water off
- 4. BodyWash and SportWash lather for 2 minutes
- Scrub nail beds
- Rinse with lukewarm water
- 7. Apply moisturizer or other products as needed

## CLn® SportWash





- For skin prone to redness, acne, and folliculitis, odor
- Proprietary combination of
  - Sodium hypochlorite
  - Surfactants
- pH 7.8
- Use daily head to toe
- Gentle and does not impair skin barrier
- Non-residue cleanser
- Use within 30-60 minutes of exercise or activity
- Lather 2 minutes and rinse off in shower
- Available in 3.4 and 12 fl oz.
- \*Can use as a leave on in special cases

## CLn® Pro Strength Wash





- For normal to oily skin prone irritation, redness, folliculitis
- Proprietary combination of
  - Sodium hypochlorite
  - Salicylic acid
- pH 6.3
- Use daily in the shower
- Lather on skin for 1 minute and rinse off
- Available in 12 fl oz. for in office dispensing

#### CLn® HandWash





- Gently cleanses and soothes hands prone to itching, cracking and dryness
- Proprietary combination of
  - Sodium hypochlorite
  - Glycerin
  - Surfactants
- pH 6.0
- Gentle on skin for frequent use
- Available in 8 fl oz.

#### CLn® Acne Cleanser





- Synergies of a great cleanser with a safe, proven acne treatment
- Proprietary combination of
  - Sodium hypochlorite
  - Sal Acid 0.5%
- pH 7.3
- Non antibiotic alternative
- No sun sensitization
- Non-residue cleanser
- Does not discolor clothing
- Use once or twice daily
- Available in 3.4 fl oz.

## CLn® Shampoo





- For normal to oily scalp prone to folliculitis, dermatitis & dandruff
- Proprietary combination of
  - Sodium hypochlorite
  - Salicylic acid
  - Glycerin
  - Conditioners
- pH 6.3
- 1-3 x weekly use or as directed
- May alternate with CLn 2-in-1 Gentle Wash and Shampoo
- Available in 8 and 12 fl oz.

## CLn® 2-in-1 Gentle Wash & Shampoo





- For scalp prone to dryness, itching & flaking
- Proprietary combination of
  - Sodium hypochlorite
  - Glycerin
  - Conditioners
- · No Salicylic Acid
- pH 6.0
- Available in 8 and 12 fl oz.
- Best way to use
  - As a shampoo use 1-3 x weekly
  - As a body wash use 1-2 x daily

## CLn® Intensive Repair Hair & Scalp





- For hair prone to damage and dryness
- Combination of
  - Hydrating Conditioners
  - Panthenol
  - Vitamin E
- Available in 6 fl oz.
- Best way to use
  - Use 1-2 times per week as a deep conditioner

#### CLn® Facial Cleanser





- For skin prone to eczema, dermatitis, rosacea & acne
- Proprietary formulation with
  - Sodium hypochlorite
  - Glycerin
  - Moisturizers
  - Skin conditioners
- No Salicylic Acid
- pH 6.0
- Daily use
- Available in 3.4 fl oz.

#### CLn® Facial Moisturizer





- Light and non-greasy
- No animal products
- Does not clog pores
- Reduces the appearance of redness
- Helps strengthen skin's natural barrier
- Niacinamide and Ceramide Complex
  - Antioxidant
  - Anti-inflammatory
- Does not contain sodium hypochlorite
- Apply morning and night as needed
- Available in 3.4 fl oz.

#### References



- 1. Huang JT, Abrams M, Tlougan B et al. Treatment of Staphylococcus aureus colonization in atopic dermatitis decreases disease severity. Pediatrics 2009;123:e808–e814.
  - VIEW: https://www.ncbi.nlm.nih.gov/pubmed/19403473
- 2. Leung T, Zhang L., Wang J. et al. Topical hypochlorite ameliorates NF-κB-mediated skin diseases in mice. J Clin Invest. 2013;123(12):5361-5370.
  - VIEW: https://m.jci.org/articles/view/70895
- 3. Ryan C, Shaw RE, Cockerell CJ, et al. Novel sodium hypochlorite cleanser shows clinical response and excellent acceptability in the treatment of atopic dermatitis. Pediatric Dermatology 2013;30:308-315.
  - VIEW: https://onlinelibrary.wiley.com/doi/full/10.1111/pde.12150
- 4. Majewski, S, Bhattacharya, T, Asztalos, M, et al. Sodium hypochlorite body wash in the management of Staphylococcus aureus—colonized moderate-to-severe atopic dermatitis in infants, children, and adolescents. Pediatr Dermatol. 2019; 00: 1–6.
  - VIEW: https://onlinelibrary.wilev.com/doi/full/10.1111/pde.13842
- 5. Mitchell et al, Bacterial Sport-Related Skin and Soft-Tissue Infections (SSTIs): An Ongoing Problem Among a Diverse Range of Athletes JBJS REVIEWS 2017;5(1):e4 http://dx.doi.org/10.2106/JBJS.RVW.16.00006
  - VIEW: https://www.clnwash.com/pdf/Singleton JBJSReviews.pdf
- 6. CLn BodyWash is effective in the management of Staph colonized AD patients. Pls: Drs. Hebert and Paller. UT Houston and Northwestern. Bohaty et al. CLEAN Study: e-Poster 7728 March 2014 AAD
  - VIEW: https://www.clnwash.com/pdf/BohatyTopMDPosterFinalUpdated03-03-2014.pdf
- 7. Asztalos et al. Sodium Hypochlorite Body Wash As A Maintenance Intervention To Decrease Staphylococcus aureus Colonization In Pediatric Patients With Atopic Dermatitis. World Congress of Dermatology Presentation, June 2015.
  - VIEW: https://www.clnwash.com/pdf/WCD\_Presentation\_06-01-2015.pdf

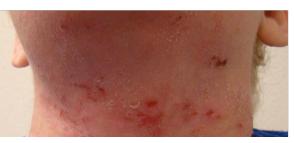


## Appendix

Eczema Studies
Sports Skin Problems
Hidradenitis Suppurativa Study

#### 1<sup>st</sup> study: 10 y/ with severe eczema & staph colonization





10 y/o, on Cyclosporine



10 Weeks after CLn®

#### Single Center, Feasibility Study

#### **Study Design**

- 18 children and adolescents with moderate to severe eczema
- Staph culture positive
- No antibiotics used

#### **Findings**

- Significant eczema improvement
- 9/10 would recommend CLn® BodyWash over sodium hypochlorite baths



Fred Ghali, MD Pediatric Dermatologist

View Study
ps://onlinelibrary.wiley.com/do

https://onlinelibrary.wiley.com/doi/10.11 11/pde.12150





Baseline



8 Weeks

View Study <a href="https://onlinelibrary.wiley.com/doi/10.1111/pde.12150">https://onlinelibrary.wiley.com/doi/10.1111/pde.12150</a>

## 2<sup>nd</sup> study in eczema & staph colonization



Sodium Hypochlorite Body Wash as a maintenance intervention to decrease Staphylococcus Aureus Colonization in Pediatric Patients with Atopic Dermatitis







Tanya Bhattacharya‡, BS, Benjamin R. Bohaty, MD†, Lina M. Rodriguez, MD‡, Kathryn C. Durham, MD†, Gil Abramovici, MD‡, Lori Asztalos, MD‡, Dennis P. West, PhD ‡, Adelaide A. Hebert, MD† \*, Amy S. Paller, MD‡\*

†Department Of Dermatology, The University Of Texas Health Science Center at Houston, Houston, Texas ‡Department Of Dermatology, Northwestern University Feinberg School Of Medicine, Chicago, Illinois

\*These Authors Contributed Equally To The Study

## 2<sup>nd</sup> study in eczema & staph colonization





12 yr. old - Baseline



2 Weeks



6 Weeks

#### **Dual Center: UT Houston and Northwestern University**

#### **Study Design**

- 50 children and adolescents with moderate to severe eczema
- 6 week study
- Staph culture positive
- No antibiotics or medicated baths
- CLn BodyWash once daily



Adelaide A. Hebert MD
Professor of Dermatology &
Pediatrics
The University of Texas
Medical School, Houston



Amy S. Paller MD Chair, Department of Dermatology Feinberg School of Medicine Northwestern University

#### **Findings**

- Dramatic improvement of EASI score (46% at 6 weeks)
- Reduced itching
- Improved quality of life for patient and parent
- Reduced staph colonization
- Reduced steroid usage
- CLn BodyWash preferred over sodium hypochlorite baths

## View Study https://onlinelibrary.wil

ey.com/doi/full/10.111 1/pde.13842

## Results



# Staph colonization and eczema of the hand and popliteal fossa at baseline (A) and 6 weeks (B) post-treatment with sodium hypochlorite wash

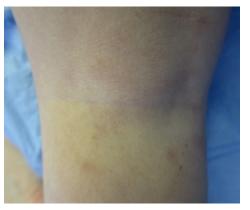


(A) Baseline



(B) 6 Weeks





Asztalos et al. Sodium Hypochlorite Body Wash As A Maintenance Intervention To Decrease Staphylococcus aureus Colonization In Pediatric Patients With Atopic Dermatitis. World Congress of Dermatology. June 2015.

## Eczema Area and Severity Index



EASI Score is a tool used to measure severity and extent of atopic dermatitis. It is a compilation of 4 body regions (head and neck, upper limbs, trunk and lower limbs) multiplied by the severity of four factors: Redness, Thickness, Scratching & Lichenification

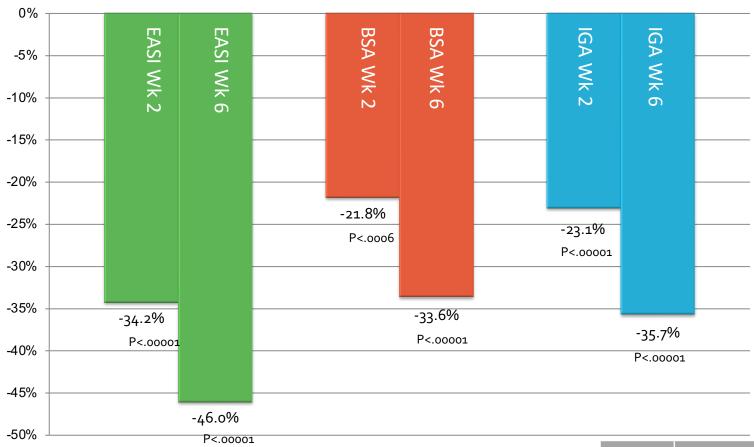


https://www.dermnetnz.org/topics/easi-score/

## Results of Clinical Severity Scores



#### % Mean Reduction from Baseline



Percent mean decrease in EASI, BSA and IGA at 2 weeks and 6 weeks post-treatment with sodium hypochlorite wash.

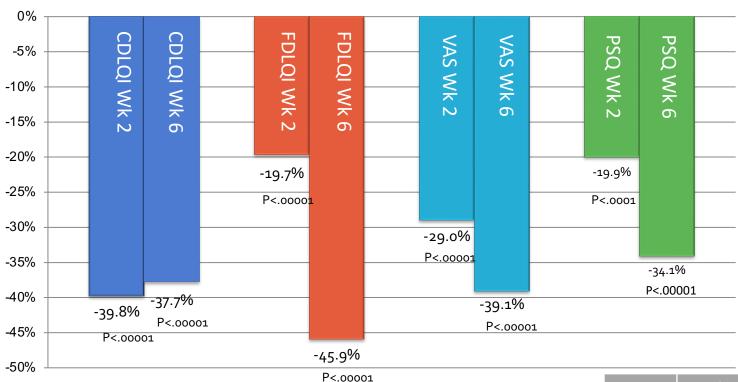
Asztalos et al. Sodium Hypochlorite Body Wash As A Maintenance Intervention To Decrease Staphylococcus aureus Colonization In Pediatric Patients With Atopic Dermatitis. World Congress of Dermatology. June 2015.

Acronym	Meaning
EASI	Eczema Area & Severity Index
BSA	Body Surface Area
IGA	Investigator Global Assessment

## Results of Clinical Severity Scores



#### % Mean Decrease in CDLQI, FDLQ, VAS and PSQ



Percent mean decrease in CDLQI, FDLQI, Pruritus VAS and PSQ at 2 weeks and 6 weeks post-treatment with sodium hypochlorite wash.

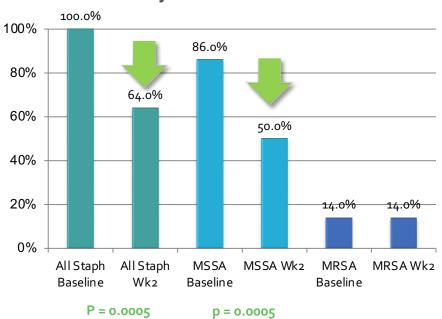
Acronym	Meaning
CDLQI	Children's Dermatology Life Quality Index
FDLQI	Family Dermatology Life Quality Index
VAS	Visual Analogue Scale
PSQ	Patient Satisfaction Questionnaire

Asztalos et al. Sodium Hypochlorite Body Wash As A Maintenance Intervention To Decrease Staphylococcus aureus Colonization In Pediatric Patients With Atopic Dermatitis. World Congress of Dermatology. June 2015.

## Results of Staphylococcus Aureus Colonization

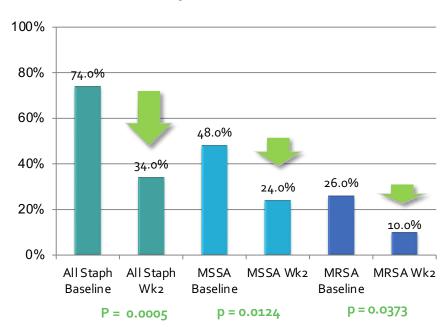


#### **Percent Subjects with Positive Culture**



Percent of patients who tested positive for the presence of *Staphylococcus aureus* during bacterial culture of lesion swab at baseline and 2 weeks.

#### **Percent Subjects with Positive PCR**



Percent of patients who tested positive for the presence of *Staphylococcus aureus* during PCR analysis of lesion swab at baseline and 2 weeks.

Asztalos et al. Sodium Hypochlorite Body Wash As A Maintenance Intervention To Decrease Staphylococcus aureus Colonization In Pediatric Patients With Atopic Dermatitis. World Congress of Dermatology. June 2015.



## Sports & Skin Problems

## Sports and Skin Infections Background





- High rate of skin breakdown
- 29% of contact athletes can be colonized with MRSA
- High rate of staph infections
- High rate of fungal infections
- High rate of antibiotic use
- Antibiotic resistance rising in sports

Mitchell et al, Bacterial Sport-Related Skin and Soft-Tissue Infections (SSTIs): An Ongoing Problem Among a Diverse Range of Athletes

JBJS REVIEWS 2017;5(1):e4 · http://dx.doi.org/10.2106/JBJS.RVW.16.00006

## Staph and MRSA Colonization in Athletes is a Problem



- o 377 Athletes at Vanderbilt Univ.
  - o 224 in contact sports / 153 in non-contact sports
- Nasal and oropharyngeal swabs monthly
- o Findings:
  - 62% Staph colonized
  - 29% of contact sport MRSA colonized
  - 23% of non-contact sports MRSA colonized
  - Football players are twice as likely to be colonized
  - Colonization more prevalent in the summer
  - 9 Skin and Soft Tissue Infections; 7 were MRSA

#### Summary:

Athletes MRSA colonized at higher rates than general population.

Jimenez-Truque, N. et al, Longitudinal Assessment of Colonization With Staphylococcus aureus in Healthy Collegiate Athletes Journal of the Pediatric Infectious Diseases Society, Vol. 5, No. 2, pp. 105–13, 2016. DOI:10.1093/jpids/piu108

View

## Pro athletes with serious Staph infections (public information / do not edit)



#### NFL



#### **Tampa Bay Buccaneers**

- Carl Nicks
- Lawrence Tynes\*
- Johnthan Banks



#### **Cleveland Browns**

- Joe Jurevicius
- Kellen Winslow, JR
- Ben Taylor
- LeCharles Bentley
- Brian Russell
- Braylon Edwards



#### **Washington Redskins**

■ Brandon Noble\*



#### St. Louis Rams

5 players



#### **New York Giants**

Daniel Fells\*



#### **New England Patriots**

Tom Brady (2008)



#### **Houston Texans**

JJ Watt (2015)

**NHL** 



#### Minnesota Wild

- Christian Folin
- Keith Ballard



#### St. Louis Blues

- Jori Lehtera
- Jake Allen
- Brian Elliott





#### **Philadelphia Phillies**

Freddy Galvis



**Players** 

Key

#### **Chicago White Sox**

Álex Riós

#### **NBA**



#### **Memphis Grizzlies**

Rudy Gay



#### **Houston Rockets**

Shane Battier



#### **Boston Celtics**

- Paul Pierce
- Delonte West



#### **Cleveland Cavaliers**

Drew Gooden



#### **Denver Nuggets**

Kenyon Martin



#### **LA Clippers**

- Blake Griffin
- Chris Kaman



#### **Phoenix Suns**

Grant Hill

\*career ending infections



# Hidradenitis Suppurativa cleansing with CLn BodyWash

Survey Study





# CLn BodyWash Survey Study Results



## **Numbers Recap**

- Applications Completed: 232
- Baseline Surveys Completed: 164
- 2 Week Surveys Completed: 152
- 4 Week Surveys Completed: 145

Total loss to attrition: 19



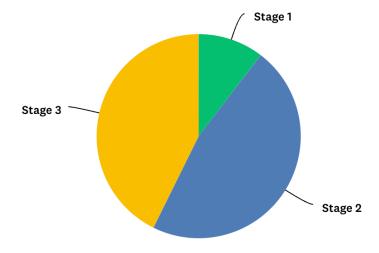
## Participant years with HS

Years with HS	# of Participants
1 - 5 years	17
5 - 10 years	31
11 - 15 years	41
16 - 20 years	27
21 - 30 years	34
31+ years	14



## Stage of HS

(on the worst part of the body)



ANSWER CHOICES	RESPONSES	•
▼ Stage 1	10.37%	17
▼ Stage 2	46.95%	77
▼ Stage 3	42.68%	70
TOTAL		164



# Baseline Study Results



## **Baseline Symptoms**

On a scale of 0-5; 0 being no symptoms to 5 being the worst symptoms

•	0 •	1 •	2 •	3 •	4 •	5	WEIGHTED AVERAGE ▼
▼ Swelling	1.22%	2.44%	12.80%	25.00%	34.76%	23.78%	
	2	4	21	41	57	39	4.61
▼ Pain	3.68%	4.91%	12.27%	25.77%	20.86%	32.52%	
	6	8	20	42	34	53	4.53
▼ Redness	1.83%	7.93%	11.59%	36.59%	23.17%	18.90%	
	3	13	19	60	38	31	4.28
<ul><li>Drainage</li></ul>	5.49%	10.37%	17.07%	23.17%	18.29%	25.61%	
	9	17	28	38	30	42	4.15
▼ Itching	8.54%	9.15%	16.46%	22.56%	21.95%	21.34%	
	14	15	27	37	36	35	4.04
▼ Odor	16.46%	16.46%	17.68%	15.24%	14.02%	20.12%	
	27	27	29	25	23	33	3.54



# 2 Week Study Results



## Symptoms after 2 weeks

0 being no symptoms to 5 being the worst symptoms

•	0 •	1 *	2 •	3 ▼	4 ▼	5	WEIGHTED AVERAGE ▼
▼ Redness	12.50%	16.45%	29.61%	26.97%	10.53%	3.95%	
	19	25	45	41	16	6	3.18
▼ Swelling	13.25%	16.56%	29.14%	24.50%	12.58%	3.97%	
	20	25	44	37	19	6	3.19
<b>▼</b> Pain	18.42%	17.76%	20.39%	21.05%	17.11%	5.26%	
	28	27	31	32	26	8	3.16
▼ Drainage	24.34%	17.76%	21.71%	15.13%	13.82%	7.24%	
	37	27	33	23	21	11	2.98
▼ Itching	26.32%	21.05%	22.37%	11.84%	12.50%	5.92%	
	40	32	34	18	19	9	2.81
<b>▼</b> Odor	37.50%	20.39%	15.13%	15.79%	7.24%	3.95%	
	57	31	23	24	11	6	2.47

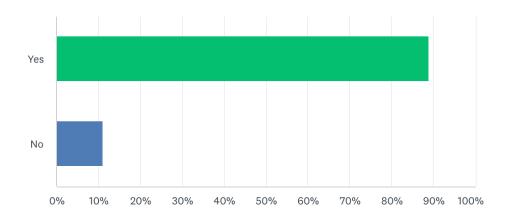


## Decrease in the <u>number</u> of flares after 2 weeks

Decrease in the <u>duration</u> of flares after 2 weeks



## Would you recommend CLn?



ANSWER CHOICES ▼	RESPONSES	•
▼ Yes	88.82%	135
▼ No	11.18%	17
TOTAL		152



### **Dab Method**

- 75% of participants tried the 'Dab method'
- 64% said the method had an impact on their flares
- 85% said they will continue using the dab method
- 90% said they would recommend the method to others



## Reduction in symptoms when using the "dab" method

•	Redness	54.55%
•	Swelling	67.13%
•	Pain	45.45%
•	Itching	44.06%
•	Odor	39.16%



# 4 Week Study Results



## Symptom rating after 4 weeks

•	0 •	1 •	2 •	3 ▼	4 ▼	5	WEIGHTED AVERAGE ▼
▼ Redness	16.55%	26.90%	30.34%	19.31%	2.76%	4.14%	
	24	39	44	28	4	6	2.77
▼ Swelling	13.89%	29.86%	26.39%	20.83%	4.86%	4.17%	
	20	43	38	30	7	6	2.85
<b>▼</b> Pain	22.76%	32.41%	19.31%	15.86%	4.83%	4.83%	
	33	47	28	23	7	7	2.62
▼ Drainage	24.83%	25.52%	16.55%	22.07%	4.14%	6.90%	
	36	37	24	32	6	10	2.76
▼ Itching	28.28%	21.38%	21.38%	13.79%	10.34%	4.83%	
	41	31	31	20	15	7	2.71
<b>▼</b> Odor	40.69%	24.83%	11.72%	15.86%	4.83%	2.07%	
	59	36	17	23	7	3	2.26



## Decrease in <u>number</u> of flares after 4 weeks

Yes	63.45%
No	36.55%

## Decrease in <u>duration</u> of flares after 4 weeks

Yes	62.07%
No	37.93%



## Dab Method

- 66% of participants tried the 'Dab method'
- 67% said the method had an impact on their flares
- 77% said they will continue using the dab method
- 86% said they would recommend the method to others



## Symptom reduction with the "dab" method Percentage reporting a decrease

Redness	54.55%
Swelling	67.13%
Pain	45.45%
Itching	44.06%
Odor	39.16%



## Overall symptom reduction

(weighted average)

Symptom	Baseline	2 Weeks	4 Weeks	Reduction
Swelling	4.61	3.19	2.95	1.66
Pain	4.53	3.16	2.62	1.91
Redness	4.28	3.18	2.77	1.51
Drainage	4.15	2.98	2.76	1.39
Itching	4.04	2.81	2.71	1.33
Odor	3.54	2.47	2.26	1.28



## Decrease in <u>number</u> of flares



✓ 4 weeks - 63%

Decrease in <u>length</u> of flares

2 weeks - 53%

✓ 4 weeks - 62%



630/0

saw a reduction in the <u>number</u> of flares

620/0

saw a reduction in the duration of flares

would Recommend CLn BodyWash for HS