

## Disclosure belangen spreker

<b>(potentiële) Belangenverstengeling</b>	<b>Zie hieronder</b>
<b>Voor bijeenkomst mogelijk relevante relaties met bedrijven<sup>1</sup></b>	<b>Bedrijfsnamen</b>
<ul style="list-style-type: none"><li>• Sponsoring of onderzoeksgeld<sup>2</sup></li><li>• Honorarium of andere (financiële) vergoeding<sup>3</sup></li><li>• Aandeelhouder<sup>4</sup></li><li>• Andere relatie, namelijk ...<sup>5</sup></li></ul>	<p>2: SmartPractice 2: Novartis 2: Sanofi Genzymes 3: ALK 3: DosMedical 4: nvt 5: nvt</p>

# Contactallergie en epicutane diagnostiek

Thomas Rustemeyer

Afdeling Dermatologie - Allergologie  
Amsterdam UMC



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1. When to consider contact allergy?
2. How can suspected contact allergy be diagnosed?
3. What are frequent contact allergy sites?
4. Which contact allergens are common?

# When to consider contact allergy?



# Diagnose: Allergisch contacteczeem

dag 3 & 6/7

Nikkelsulfaat 5%



# When to consider contact allergy?

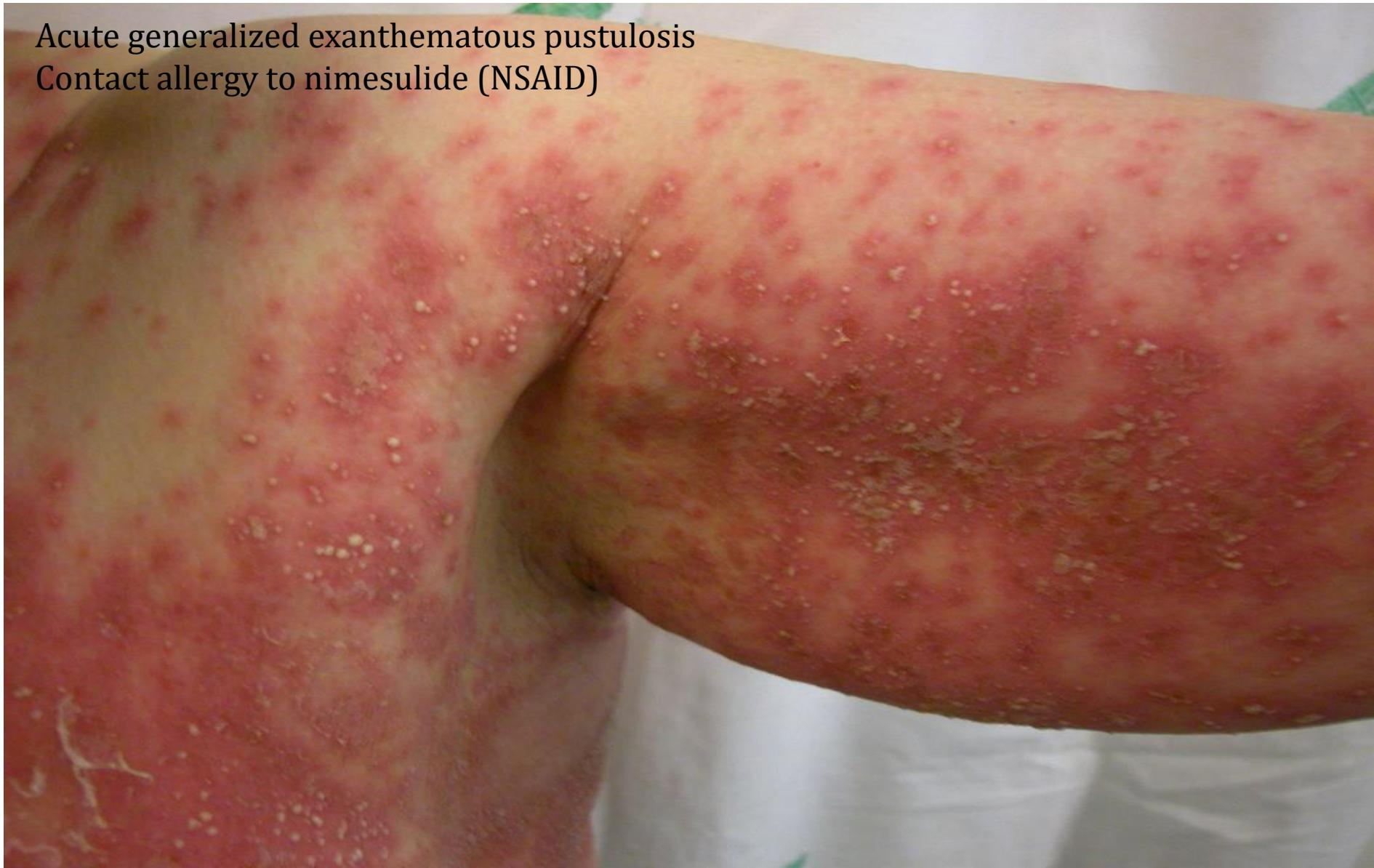
Contact allergy to epoxy resin



# When to consider contact allergy?

Acute generalized exanthematous pustulosis

Contact allergy to nimesulide (NSAID)



# When to consider contact allergy?



Fixed drug eruption

Localized  
skin memory phenomenon

Diagnosed by  
- local application test  
- oral provocation

Early reading 0.5 - 8 h



Could this be  
eczema?

Contact allergy?



Could this be  
eczema?



Mycosis fungoides

# When to consider contact allergy?

Therapy-resistant /atypical dermatoses can result from non-classical allergic contact dermatitis reactions

Carefully taken medical history

Patch testing with dedicated allergens

# Non-classical allergic contact dermatitis reactions

Pustular reactions

Erythema multiforme

Pigmentation changes

Fixed drug eruptions

Acute generalized exanthematous pustulosis

Granulomatous reactions

Lichenoid reactions

Purpuric eruptions

# Pustular allergic contact dermatitis reactions

AGEP reaction

Patch tests: minocycline pos.

ELISPOT-bead: IL-17

Effector cells Th-17



# Pustular allergic contact dermatitis reactions

nickelsulfaat  
5% was D3

Palladium tetra  
chloride 3% D3

# Pustular reactions in ACD

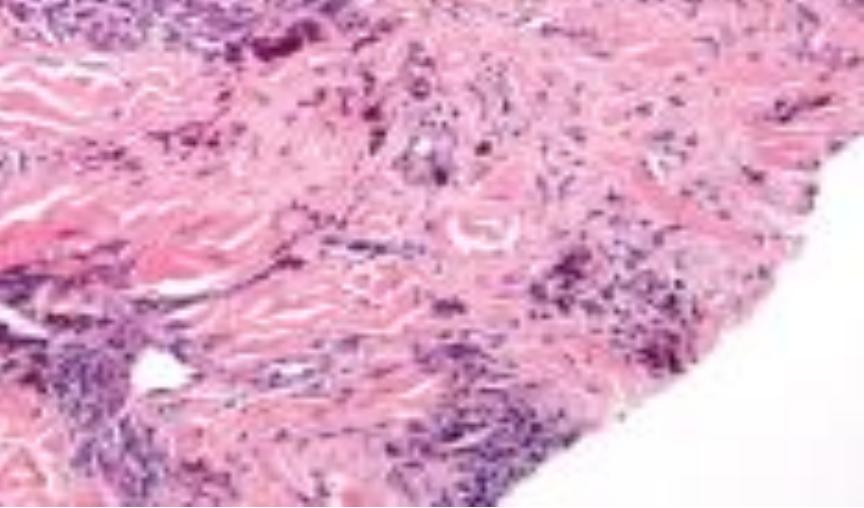
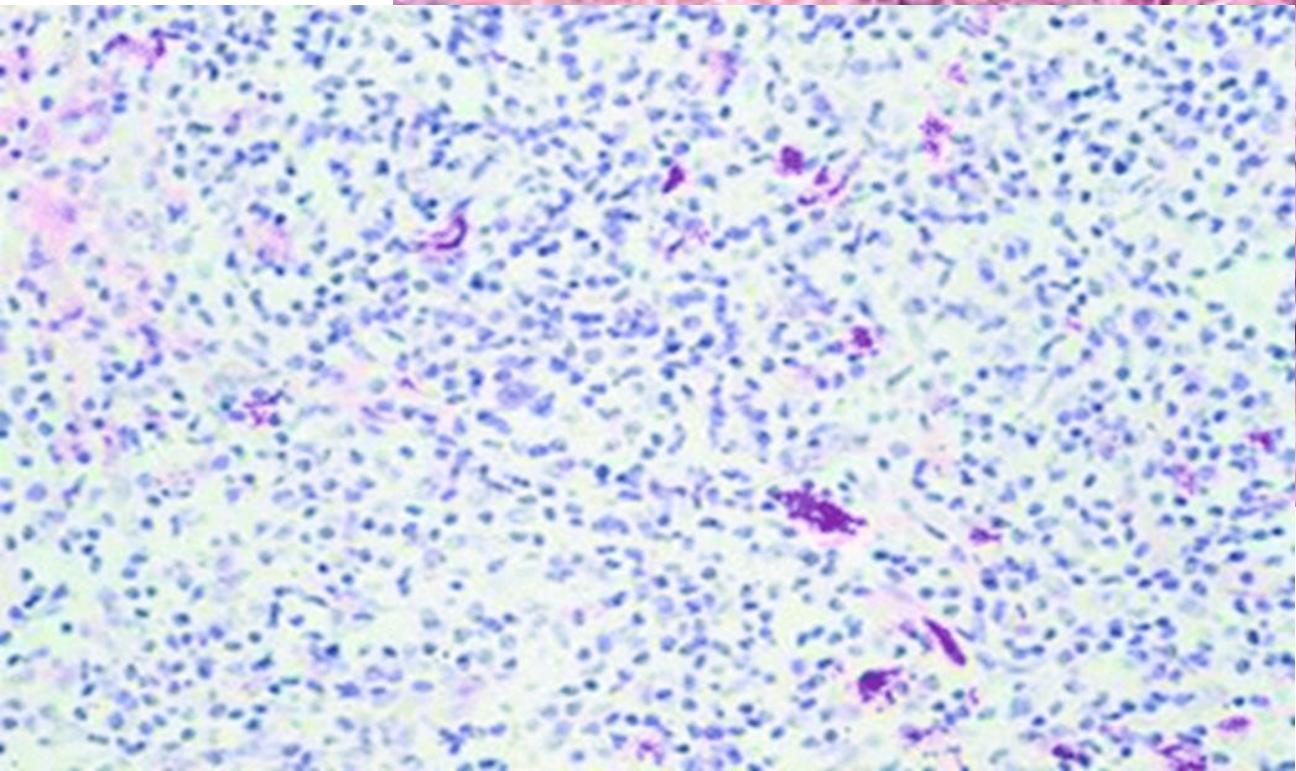


# Granulomatous reaction in contact allergy





# Granulomatous reaction in contact allergy



# Erythema multiforme like allergic contact dermatitis reactions



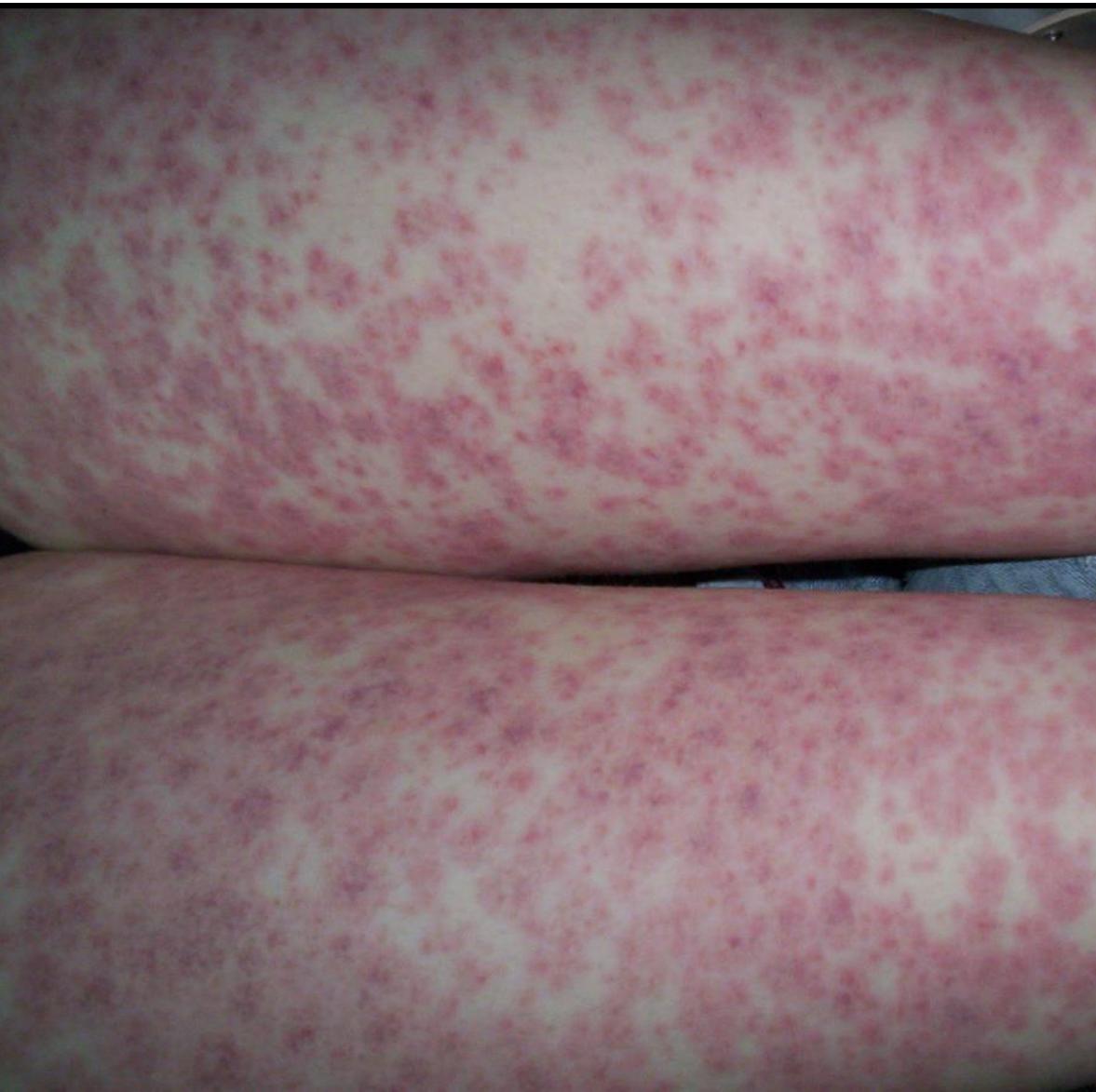
Male nurse  
EEM lesions both hands  
Work-related course

Patch tests: thiurams pos.

Avoiding thiuram containing  
gloves: → Clearing

Accidental re-exposure:  
→ re-appearance of EEM

# Purpura like allergic contact dermatitis reactions



Purpuric eruptions on the legs  
and arms  
? role of blue overall

Patch tests:  
Disperse blue 124 pos.  
Own overall pos.

Avoidance:  
→ Clearing

# Purpura like allergic contact dermatitis reactions



Purpuric eruptions on the feet  
appeared after winter-holidays

Patch tests:  
Epoxy resin pos.  
Own snowboot pos.

# Hypopigmentation in allergic contact dermatitis



Perioral itchy  
hypopigmentation  
in an atopic child  
? role of local ointment

Patch tests:  
Fragrance mix 1 pos.  
own lip balm pos.

Avoidance:  
→ Clearing

# Lichenoid allergic contact dermatitis reactions



Adjacent to crowns  
lichenoid gingival lesions

EXP-analysis:  
Pd, Cr, Ni, ...

Patch tests:  
Pd pos.

upon removal:  
→ clearance

# Lichenoid allergic contact dermatitis reactions



Vulvair mucosa  
lichenoid lesions

Patch tests:  
Fragrance mix pos.  
Mint oil pos.

Frequent consumption  
of mint thea since  
recently

Upon stopping:  
→ clearance

# Lichenoid allergic contact dermatitis reactions

metals

fragrances / essential oils

spices (cinnamon, cardamon)

drugs

# Non-classical allergic contact dermatitis reactions

Pustular reactions

Erythema multiforme

Pigmentation changes

Purpura / vasculitis

Granuloma

Lichenoid reactions

# Conclusions

Therapy-resistant /atypical dermatoses can result from non-classical allergic contact dermatitis reactions

Carefully taken medical history

Patch testing with dedicated allergens

# Epicutaneous patch tests

European baseline series

Extended allergen series

Patient's own materials

a.o. cosmetics/toiletries, occupational materials

# European baseline series 2019

General dermatology office: about 80% of  
clinically relevant contact allergies

3<sup>rd</sup>-line referral centers: about 40%

Occupational contact allergies: 20%

# European Baseline Series 2019



55

currently  
relevant  
allergens

# TRUE test



28



# Landelijke allergenenbank

Gratis (allergeen-) en  
informatieverstrekking

[allergiepoli@amsterdamumc.nl](mailto:allergiepoli@amsterdamumc.nl)

[T.Rustemeyer@amsterdamumc.nl](mailto:T.Rustemeyer@amsterdamumc.nl)

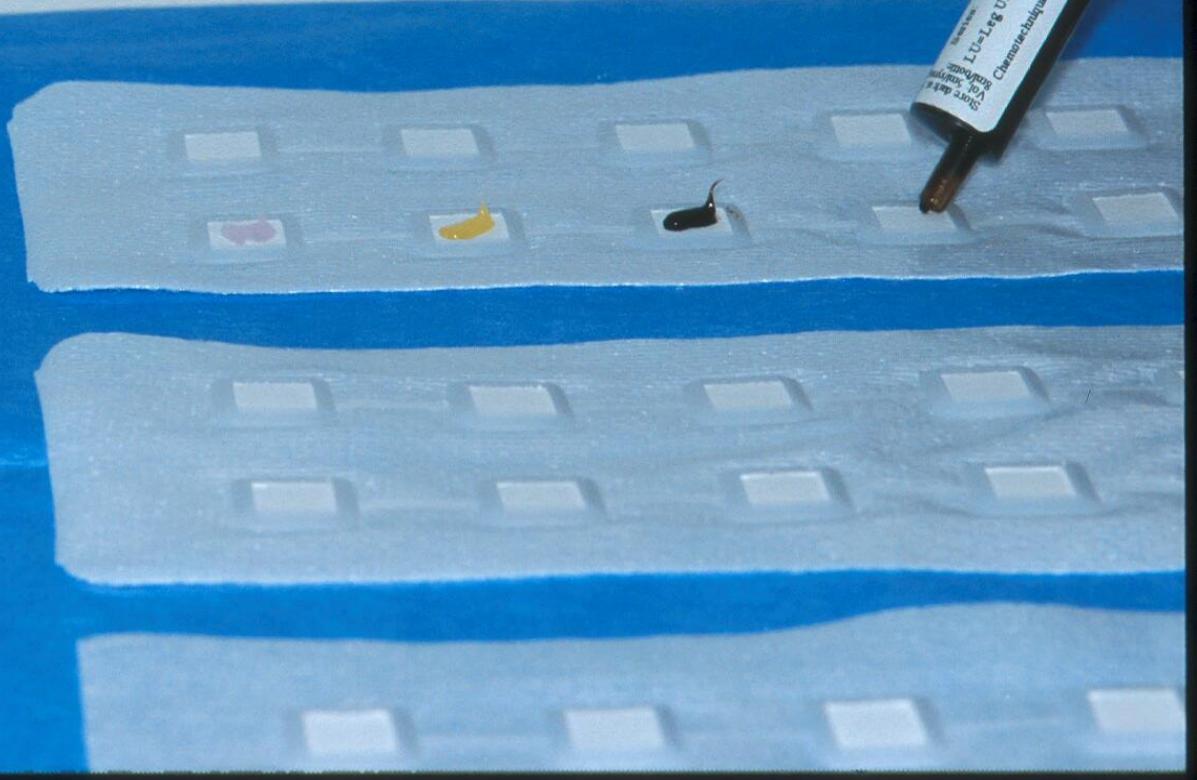


# Eigen (werk)materiaal

Verdunningen  
volgens literatuur

Bij nieuwe  
allergenen:  
verdunningsreeks











day 2



dag 2



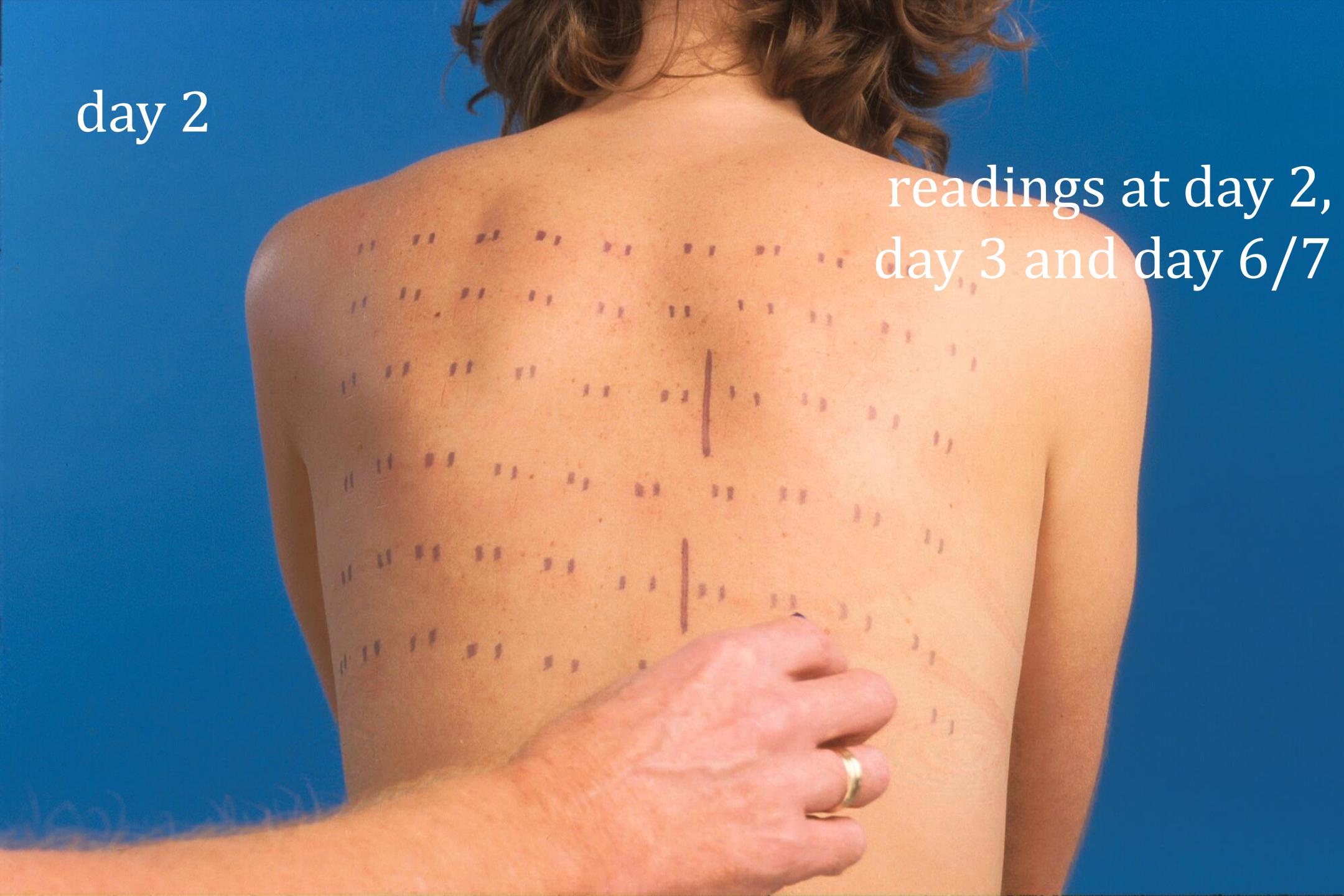


day 2



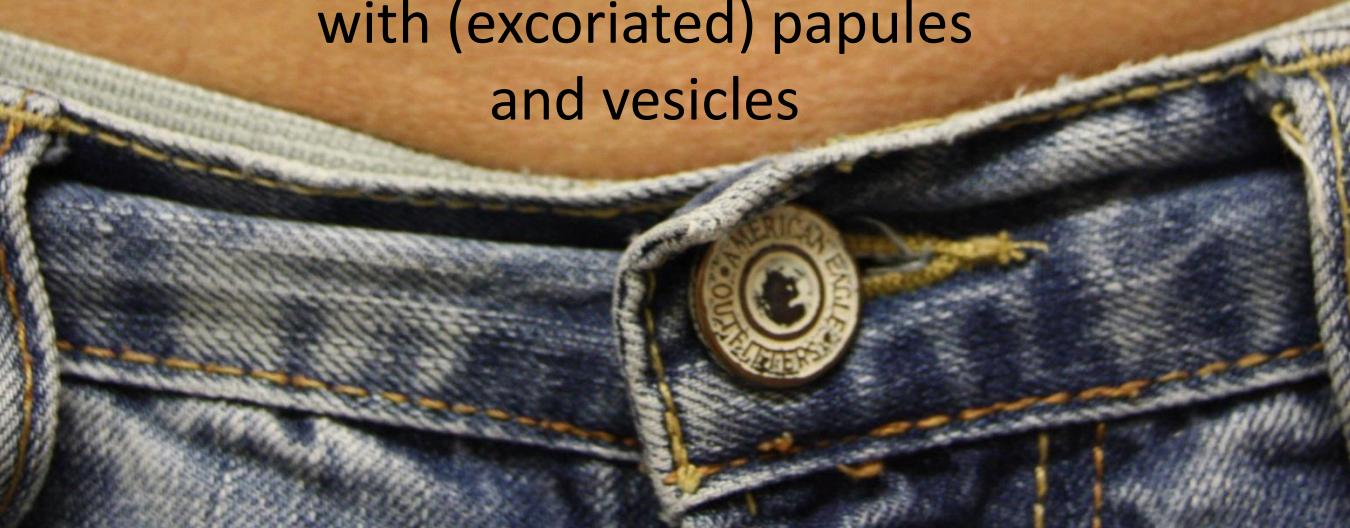
day 2

readings at day 2,  
day 3 and day 6/7

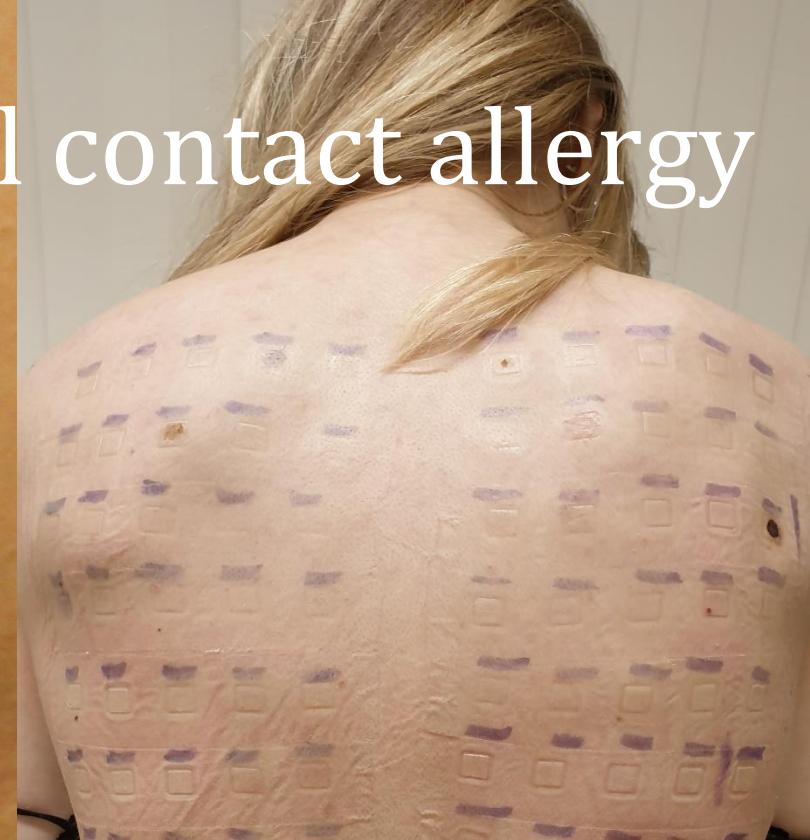


# Classical example of nickel contact allergy

Acute reaction,  
with (excoriated) papules  
and vesicles



nickel



day 1

# Early urticarial reactions to beta-lactams

Benzylpenicilline

Amoxicilline

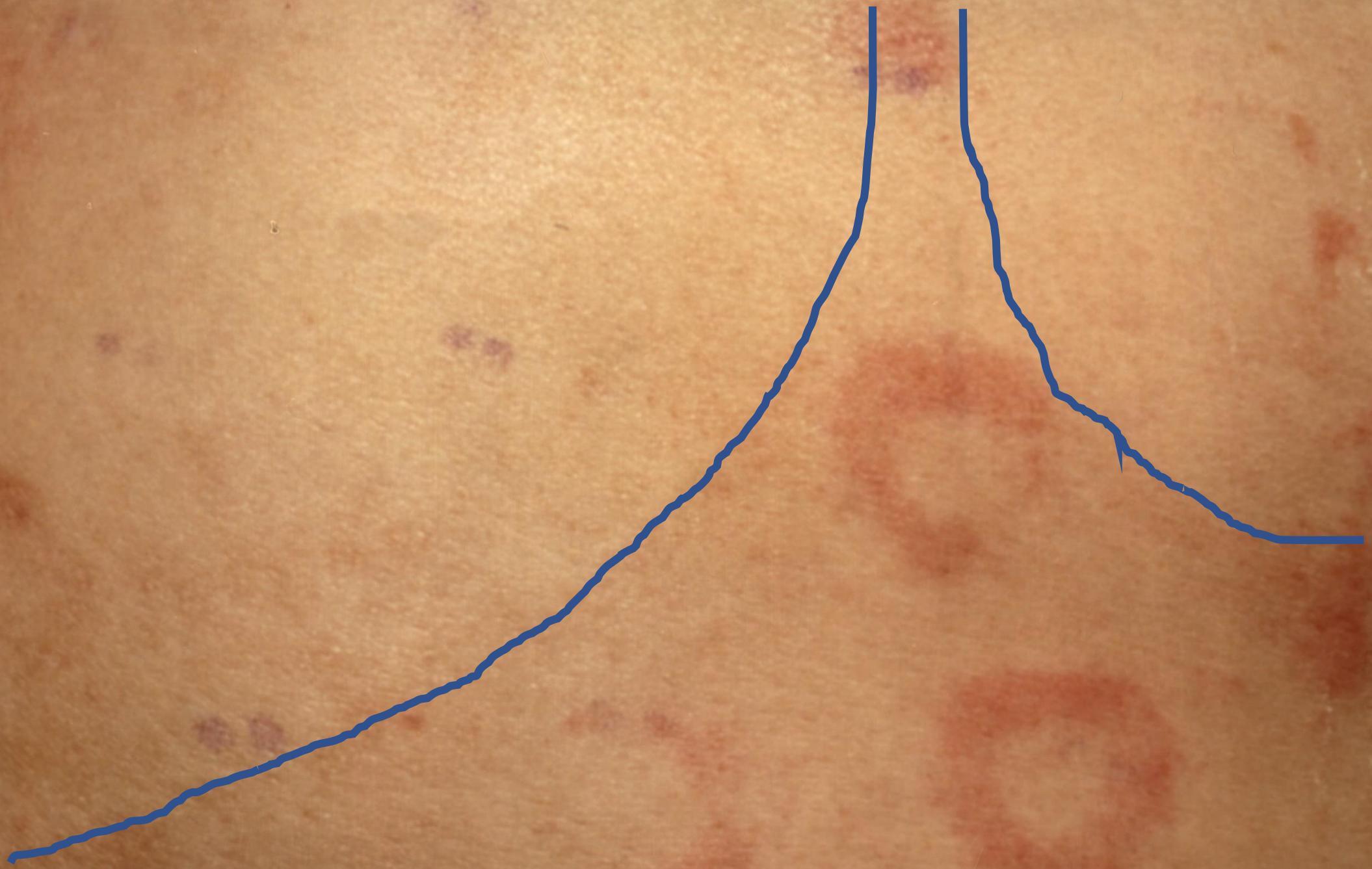
Dicloxacilline

Flucloxacilline





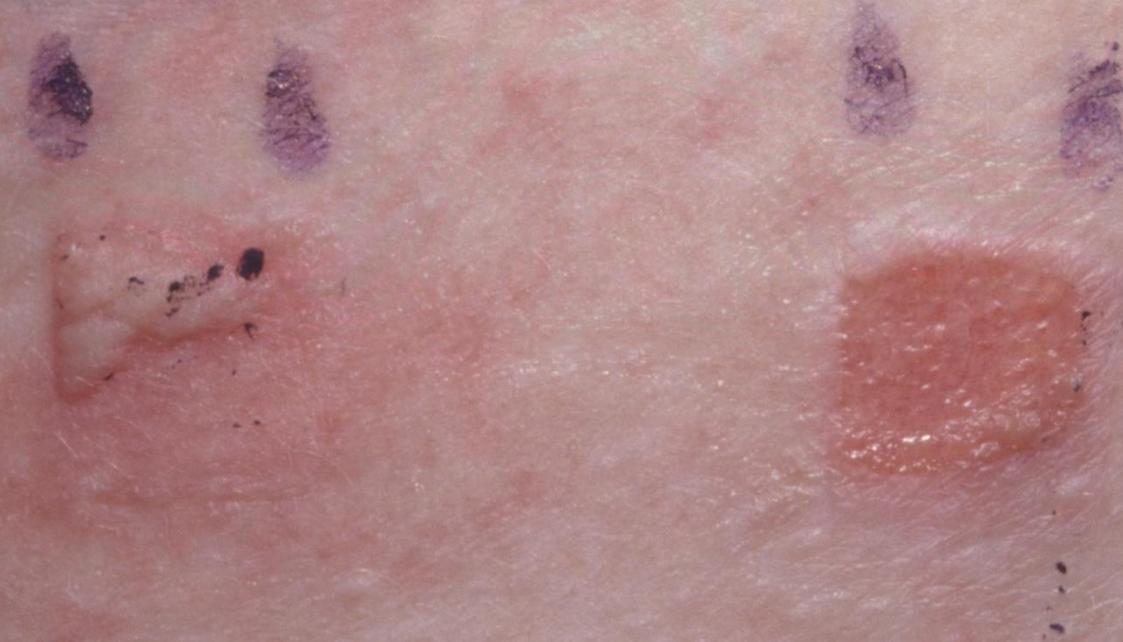




# Toxic reactions to mascara

Mascara  
48 h.

Mascara  
DMSO 30%  
48 h.



Soap effect

# Repeated open application test (ROAT)

~ Gebruikstest

met name voor *leave on* producten





LA BIOSTHETIQUE®

MARCEL CONTIER

METHODE ANTI-AGE

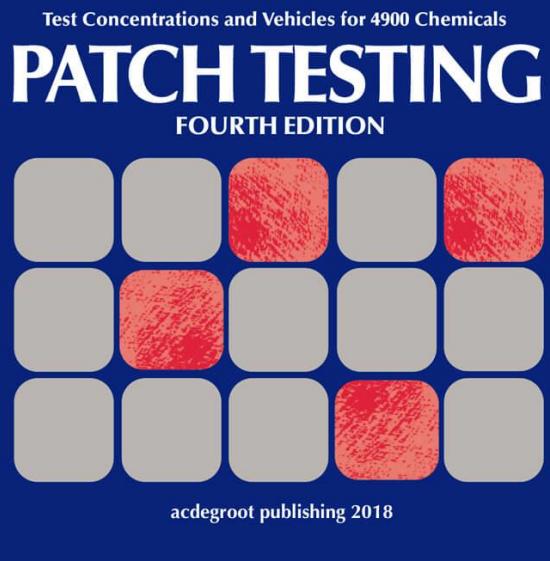
MENULPHIA  
CONTOUR

CREME CONTOUR  
POUR YEUX ET LEVRES

# How to diagnose contact allergy

Patch testing:

ANTON C. DE GROOT



European baseline series  
additional series

Patient's own products (diluted)

test results, in relation to medical history

ion of the effects of avoidance of contact

Allergologie  
blijft een  
spannende en  
uitdagende  
speurtocht



# Hartelijk bedankt voor uw aandacht

allergiepoli@amsterdamumc.nl





# ESCD CONGRESS 2020

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JUNE 17-20, 2020 - AMSTERDAM - THE NETHERLANDS