

# PATCH TESTING



# TRAINING OBJECTIVES



## CHEMOTECHNIQUE PATCH TESTING PRODUCTS AND ACCESSORIES

- Chemotechnique Haptens
- IQ Chambers – Ultra & Ultimate
- Accessories
- Storage
- Pre-filling & work space



## PATIENT MANAGEMENT

- WHO-WHY-WHAT-WHEN to Patch Test
- HANDS-ON TRAINING:
  - Timelines (0 – 48 – 96 hour) & Scheduling
  - Reading and recording results
  - Irritant vs Allergic dermatitis



## SUPPORTING MATERIALS & RESOURCES

- Product ordering
- Resources available from Dormer
  - [Dormer.com/allergens](http://Dormer.com/allergens)
  - Chemotechnique Reference Manual
- ACDS Membership / CAMP)
- Metal Allergy Products



# **CHEMOTECHNIQUE PATCH TESTING PRODUCTS AND ACCESSORIES**

# AN IMPORTANT CHANGE IN TERMINOLOGY

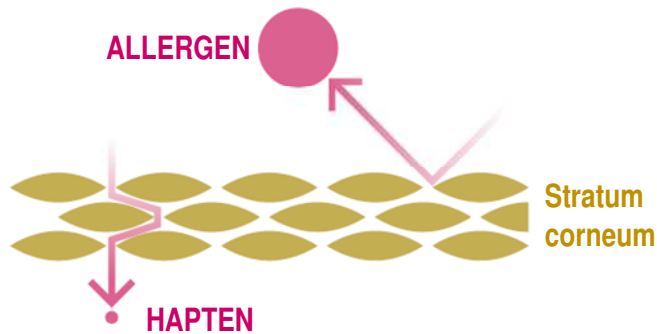
When is an 'ALLERGEN' not an 'ALLERGEN'?

WHEN IT IS A 'HAPTEN'!



In Contact Dermatitis Patch Testing, the traditionally used “Allergen” should be replaced by the correct descriptor “**Hapten**”.

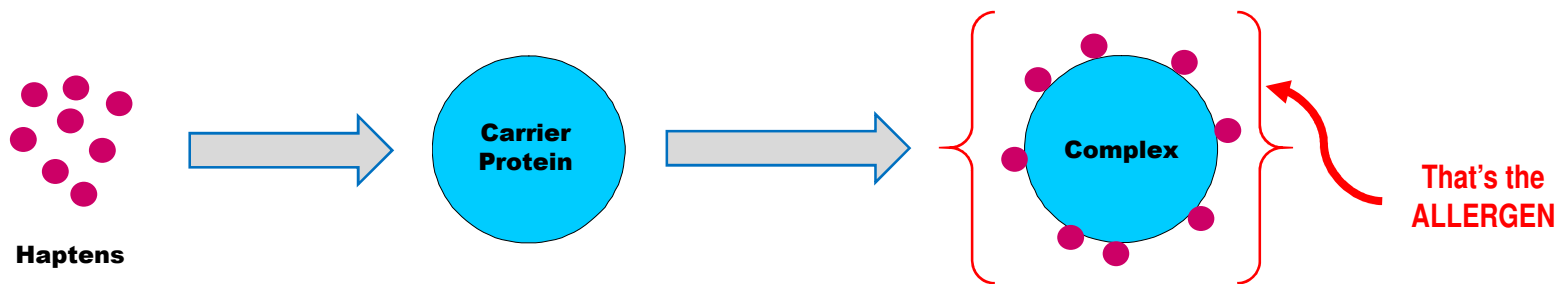
# ALLERGEN or HAPTEN: What's the difference?



**ALLERGENS** are *high molecular weight* compounds defined as complete antigens with the capability to elicit Type-1 allergic reactions during prick test procedures.

Some examples of common allergens are **pollens, cat dander and dust mites**.

**HAPTENS** are *small molecular weight* substances incapable of inducing an immunologic reaction in diagnostic *in vivo* testing as a stand-alone compound. A hapten needs to first bind with a protein, forming a hapten-protein complex, to become an antigen capable of eliciting a Type-4 allergic reaction.



*The formation of the hapten-protein complex depends on individual biological factors in the patient.*

# Why should 'HAPTEN' be used?

First, it is the correct scientific description for the substances used in patch testing.

Second, it is important to differentiate "hapten" from "allergen" for regulatory clarity and correct classification.



Throughout this presentation we will use the term "hapten" when referring to the substances used in patch testing.

# HAPTENS



# IQ-CHAMBERS

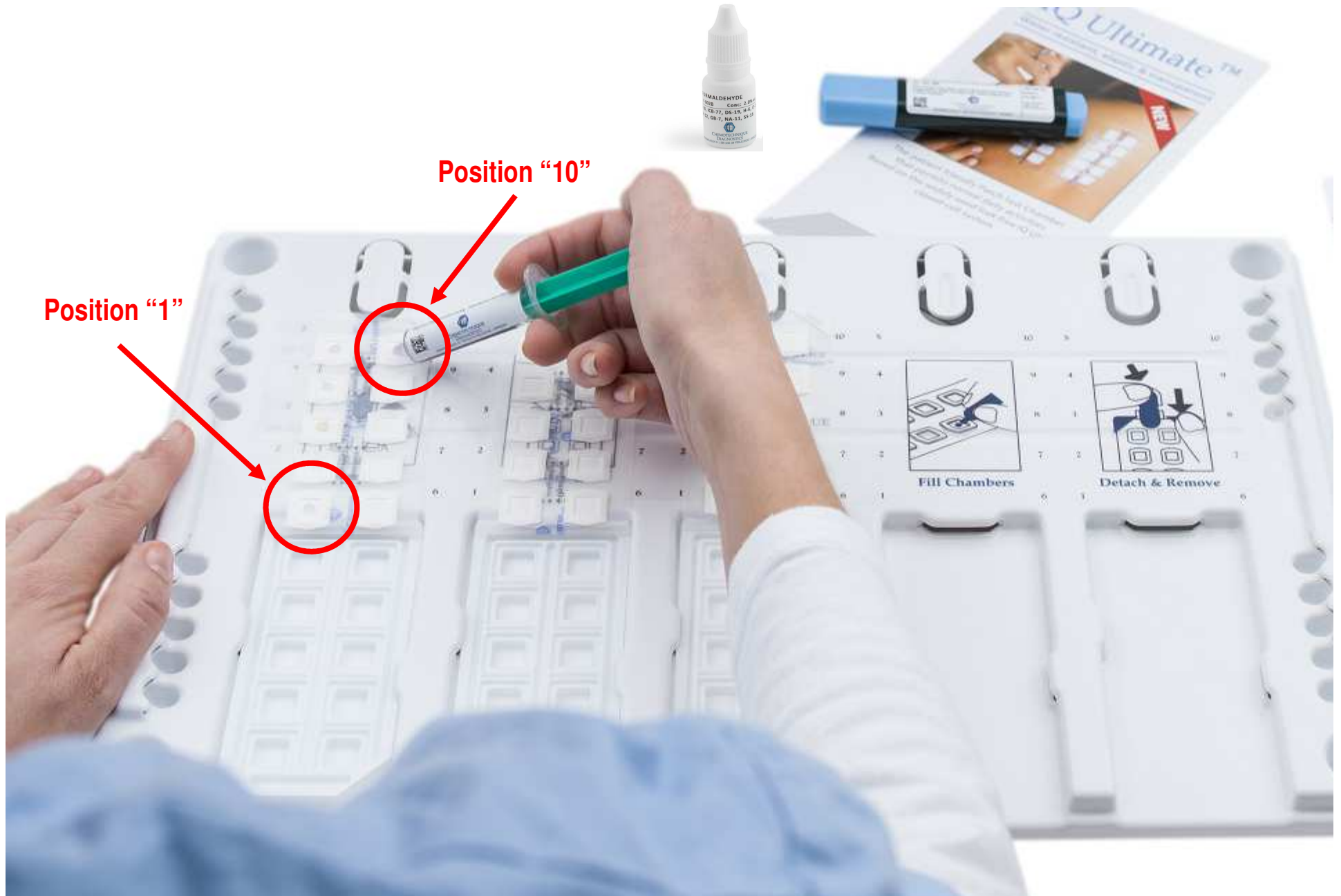




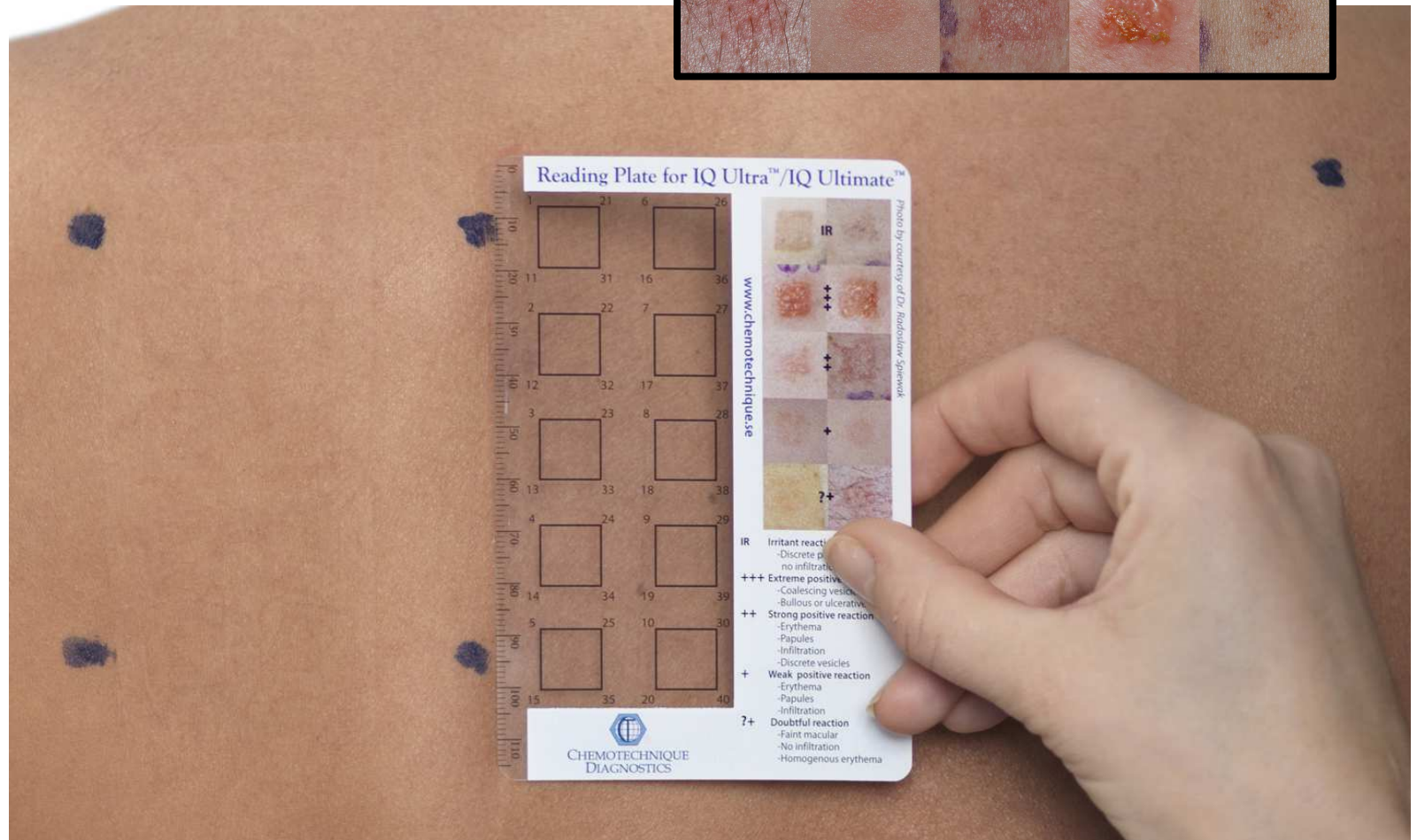
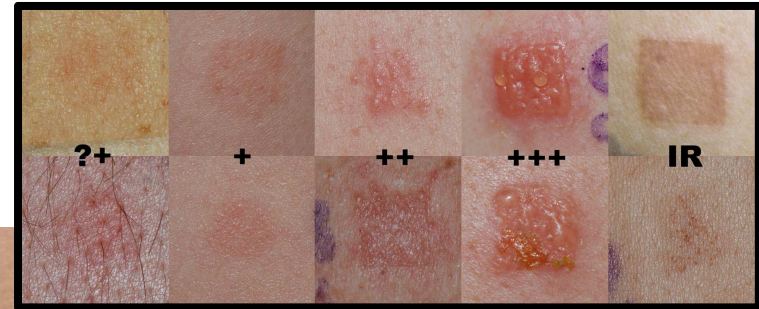
# SKIN MARKERS



# Application Device

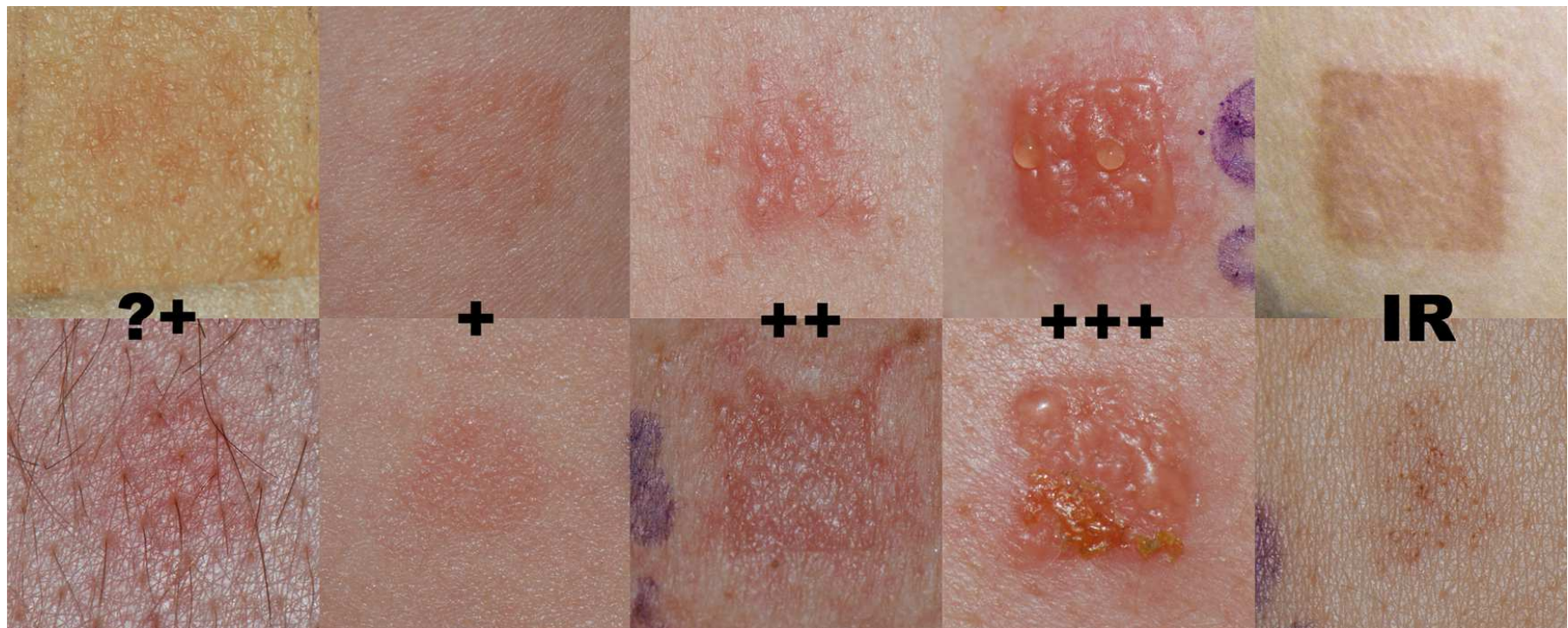


# Reading Plate





# BASIC INTERPRETATIONS



## Doubtful Reaction

- *Faint macular*
- *No infiltration*
- *Homogenous erythema*

## Weak Positive Reaction

- *Erythema*
- *Papules*
- *Infiltration*

## Strong Positive Reaction

- *Erythema*
- *Papules*
- *Infiltration*
- *Discrete vesicle*

## Extreme Positive Reaction

- *Coalescing vesicle*
- *Bullous or ulcerative reaction*

## Irritant Reaction

- *Discrete patchy*
- *Erythema*
- *no infiltration*



# CLINIC LAYOUT

- ❑ A TABLE OR A COUNTER AREA FOR PREPARATION
- ❑ A REFRIGERATOR FOR HAPTEN STORAGE
- ❑ STORAGE AREA FOR SUPPLIES



# REFRIGERATION





# **PATIENT MANAGEMENT**



# CONTACT DERMATITIS



- **6M+ chemicals in the environment**
- **3K+ known to cause CD**



CHEMOTECHNIQUE  
DIAGNOSTICS

- 500+ Haptens available
  - 30+ Screening Series
- 🔗 NA-1000 (50) baseline
  - 🔗 NAE-65 (65) extended
  - 🔗 NAC-80 (80) comprehensive





# WHO-WHY-WHAT-WHEN to Patch Test

# PATCH TESTING – Exclusions



## ***Patch Testing Children:***

Although opinions vary, the overall consensus is that children can be patch tested safely. The only consideration is technical; i.e., the reduced number of patches you can apply on their small back. Irritant reactions seem to be more frequent with children under 5 years of age. Compliance is also reduced with kids under 5 years.



## ***Patch Testing During Pregnancy:***

There is no evidence that patch testing is harmful; however it is selective and should wait until after pregnancy is completed.

# PATIENT HISTORY ⇒ HAPTEN SELECTION



**Patient interview**  
**Patient history**  
**What haptens are appropriate?**

500+ haptens

North American Screening Series

NA-1000 – Basline (50)

NAE-65 – Extended (65)

NAC-80 – Comprehensive (80)

30+ Targeted Series

e.g., Bakery, Cosmetic, Metals, etc.

Initial Patient Counselling

**Current Complaint**  
 Date of onset and/or duration: \_\_\_\_\_  
 At onset: Area(s) affected: \_\_\_\_\_  
 Severity:  Mild  Moderate  Severe  
 Type and pattern of eruption: \_\_\_\_\_

**Now: Area(s) affected**  
 Severity:  Mild  Moderate  Severe  
 Currently:  Stable  Increasing  Decreasing  Unclear  
 Worsens:  During work week  After weekend  
 Improves:  After weekend  After holidays/vacations  
 Outbreaks Occur:  Annually  Seasonally  Monthly  Unclear  
 Previous Outbreaks:  No  Yes Date(s): \_\_\_\_\_  
 Self-Treat:  No  Yes Date(s): \_\_\_\_\_  
 Physician Treatment:  No  Yes Date(s): \_\_\_\_\_

**History of allergic disorders**  
 Asthma  Hay fever  Childhood eczema  Urticaria  
 Food allergy:  Known  Suspected  Type \_\_\_\_\_  
 Other known allergies:  Nickel/metals  Flowers/Trees/Grasses  Perfume/fragrance  Latex (type I)  
 Insects  Medicines  Rubber  Animals  
 Other \_\_\_\_\_

Suspected allergies: \_\_\_\_\_  
 Previous drug reactions:  None  Yes (drug/date) \_\_\_\_\_

Family history of allergies and asthma:  Yes  No Hay fever:  Yes  No Eczema:  Yes  No  
 Relationship (name) \_\_\_\_\_ Disease (name) \_\_\_\_\_  
 Relationship (name) \_\_\_\_\_ Disease (name) \_\_\_\_\_

**Home Environment**  
 Home  Apartment/Condo  Home  Apartment/Condo  Home  Apartment/Condo  
 Renovated since 1980?  Yes  No  Yes  No  Yes  No  
 Other location: \_\_\_\_\_ Lived there since: \_\_\_\_\_  
 Pets:  None  Cats  Dogs  Birds  Rodents  Livestock: \_\_\_\_\_ Other \_\_\_\_\_  
 Current animal contact:  Daily  Rare  Occasional  Pets in house?  Yes  No  
 Pets/animals as a child?  None  Type: \_\_\_\_\_ Contact:  Rare  Frequent  
 Symptoms around animals:  No  Yes Describe: \_\_\_\_\_  
 Housecleaning frequency:  Daily  Weekly  Monthly  Occasionally  Rarely  
 Participate in housecleaning:  Never  Always  Occasionally  Rarely  
 Equipment/Materials used: \_\_\_\_\_  
 Help with laundry?  Never  Daily  Weekly  Occasionally Detergent: \_\_\_\_\_  
 Symptoms at home:  No  Yes Describe: \_\_\_\_\_

**Sports/Hobbies**  
 golf  tennis/raquetball  woodworking  computers  baseball  sewing  
 football  skiing  knitting/needlework  paper crafts  ceramics  piano  
 painting  guitar  running/hiking  home repairs  basketball  photography  
 other \_\_\_\_\_  
 Frequency:  Daily  Few times weekly  Weekends only  Rarely Duration: \_\_\_\_\_  
 Equipment/Materials used: \_\_\_\_\_  
 Symptoms with sports/hobbies:  No  Yes Describe: \_\_\_\_\_

# INITIAL PATIENT COUNSELLING

## EXPLANATION OF THE PROCEDURE WILL ENSURE GREATER COMPLIANCE

- ◆ PLACEMENT OF CHAMBERS
- ◆ DURATION
- ◆ WHAT TO EXPECT (e.g., itching)
- ◆ CLOTHING
- ◆ BATHING
- ◆ EXERCISING
- ◆ MEDICATIONS TO AVOID

Provide them with a hardcopy of this information to take home and read

### **PATCH TESTING - PATIENT INITIAL INSTRUCTIONS**

*You are being patch tested to determine if your eczema is caused by an allergic reaction to any specific substances. This will involve several visits to the clinic.*

*On your first visit an examination and evaluation of potential causes will be undertaken so we can identify potential suspect substances.*

*On your next visit you will have strips of chambers filled with the suspect antigens placed on your back. This may occasionally feel uncomfortable, and you may develop itching under one or more of the chambers.*

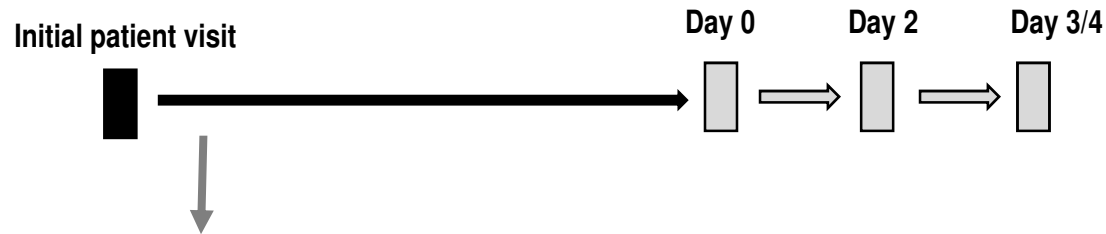
*Try to avoid scratching as itching is normally an indication of a positive reaction and scratching might alter the test results. If pain occurs call the clinic. It is recommended that you keep the area dry during this time period while avoiding heavy and physical exercises that could cause excessive perspiration and detachment of the test unit. We also recommend that you wear loose clothing, and a t-shirt in bed as this helps to prevent the patches from peeling or loosening from the skin. (If you notice such a loosening have someone pressure the adhesive onto the skin. If necessary, you can also apply additional tape to the edges of the chamber units.)*

*Abstain from taking cortisone containing medications, and avoid prolonged sun exposure.*

*The chamber units will be removed in 48 hours with the first reading being done 20-30 minutes after removal. Your physician will advise you if additional readings are necessary over the next 5 to 7 days.*

*Upon completion of this procedure you will be provided with the results, advised of any allergies you may have and how to minimize possible reoccurrence.*

# ORDERING HAPTENS



**“Day 0” should be scheduled in tandem with availability of the selected haptens ... allow time for necessary hapten orders to be delivered (4 weeks)**

**Mondays are best for ‘Day 0’ as it allows the two remaining visits to occur in the same week (Mon-Wed-Fri)**



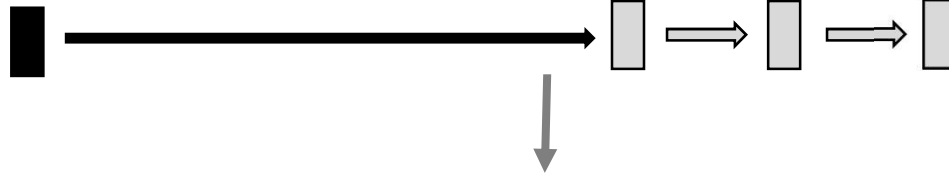
# PRE-FILLING CHAMBERS

Initial patient visit

Day 0

Day 2

Day 3/4



## Article Guide to Haptens

Haptens that contains the following symbol are volatile and not recommended to pre-load.

Art. No.	Serial no.	Conc. % (w/w) & Vehicle	Name
A-001	O-1	10.0 pet	ABIETIC ACID
A-002	C-23, PG-19	10.0 pet	HYDROABIETYL AL
A-003B	PL-11	0.033 pet	Alantolactone
A-004	ICB-7, C-2, O-26, LU-1	50.0 pet	Amerchol L 101
A-005	SH-21	0.25	
A-006A	*		
A-006B	*		
A-006C	*		

## NAC-80 NORTH AMERICAN COMPREHENSIVE SERIES 80 HAPTENS / EFFECTIVE 1-1-2017

Indicates hapten is volatile and should not be pre-loaded and stored in patch test chambers

Series Number	Compound	Conc. % (w/w)	Vehicle	Article Number
NAC80-1	Benzocaine	5.0	pet	B-004
NAC80-2	2-Mercaptobenzothiazole (MBT)	1.0	pet	M-003B
NAC80-3	Colophonium / (Colophony)	20.0	pet	C-020
NAC80-4	4-Phenylenediamine base	1.0	pet	P-006
NAC80-5	Imidazolidinyl urea (Germall 115)	2.0	pet	I-001A
NAC80-6	Cinnamal / (Cinnamic Aldehyde)	1.0	pet	C-014
NAC80-7	Amerchol L 101	50.0	pet	A-004
NAC80-8	Carba mix	3.0	pet	MX-06
NAC80-9	Neomycin sulfate	20.0	pet	N-001
NAC80-10	Thiuram mix	1.0	pet	MX-01
NAC80-11	Clobetasol-17-propionate	1.0	pet	C-028
NAC80-12	Ethylenediamine dihydrochloride	1.0	pet	E-005
NAC80-13	Epoxy resin, Bisphenol A	1.0	pet	E-002
NAC80-14	Quaternium 15, Dowicil 200 / (1-(3-chloroallyl)-3,5,7-triaza-1-azonia-adamantane)-chloride)	2.0	pet	C-007B
NAC80-15	4-tert-Butylphenolformaldehyde resin	1.0	pet	B-024
NAC80-16	Mercapto mix	1.0	pet	MX-05B
NAC80-17	N-Isopropyl-N-phenyl-4-phenylenediamine	0.1	pet	I-004
NAC80-18	Potassium dichromate	0.25	pet	P-014B
NAC80-19	Myroxylon pereirae resin / (Balsam Peru)	25.0	pet	B-001
NAC80-20	Nickelsulfate hexahydrate	2.5	pet	N-002B
NAC80-21	Diazolidinylurea (Germall II)	1.0	pet	D-044C
NAC80-22	DL-alpha-tocopherol	100.	---	T-036
NAC80-23	Bacitracin	20.0	pet	B-032B
NAC80-24	Mixed dialkyl thiourea	1.0	pet	MX-24
NAC80-25	Disperse Orange 3	1.0	pet	D-032

# APPLICATION SITES – SKIN PREPARATION

- The skin must be dry and clean
- Avoid active ACD on back
- Excessively hairy patients must shave the area prior to testing
- The skin should be free of fragrances, creams
- The skin may be cleaned with warm water and dried gently

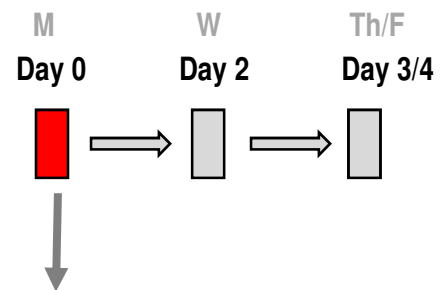


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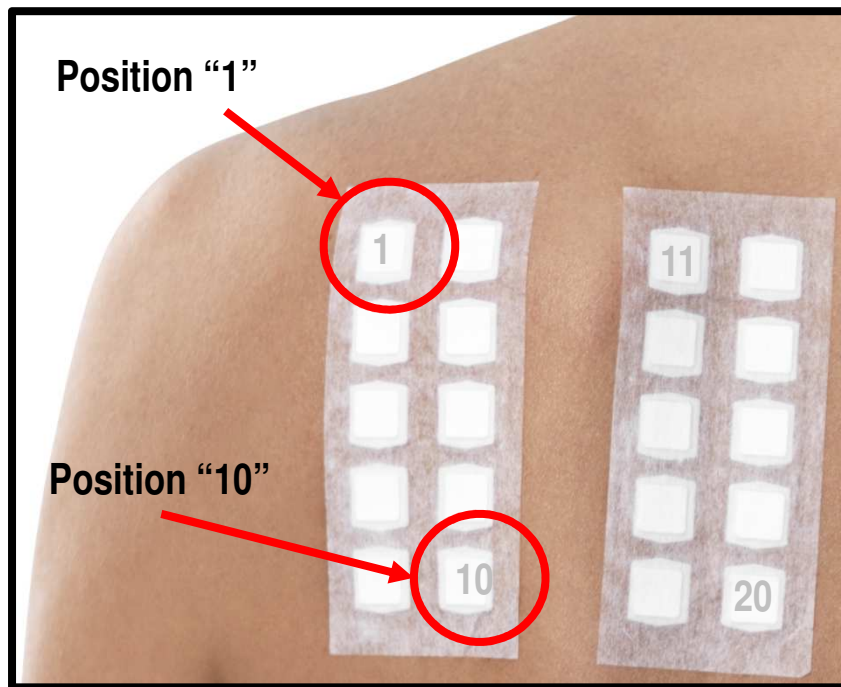


# APPLICATION

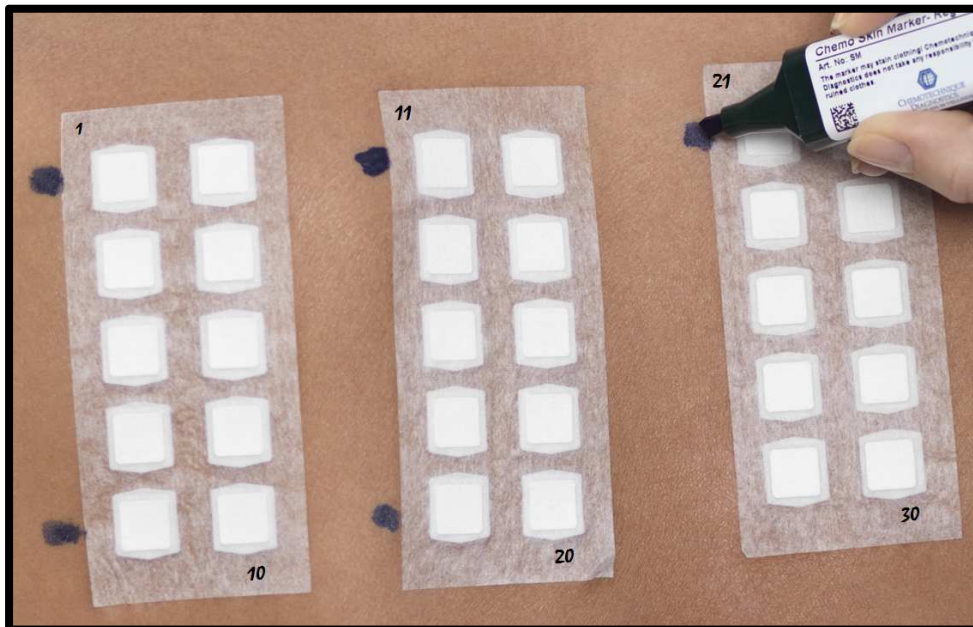




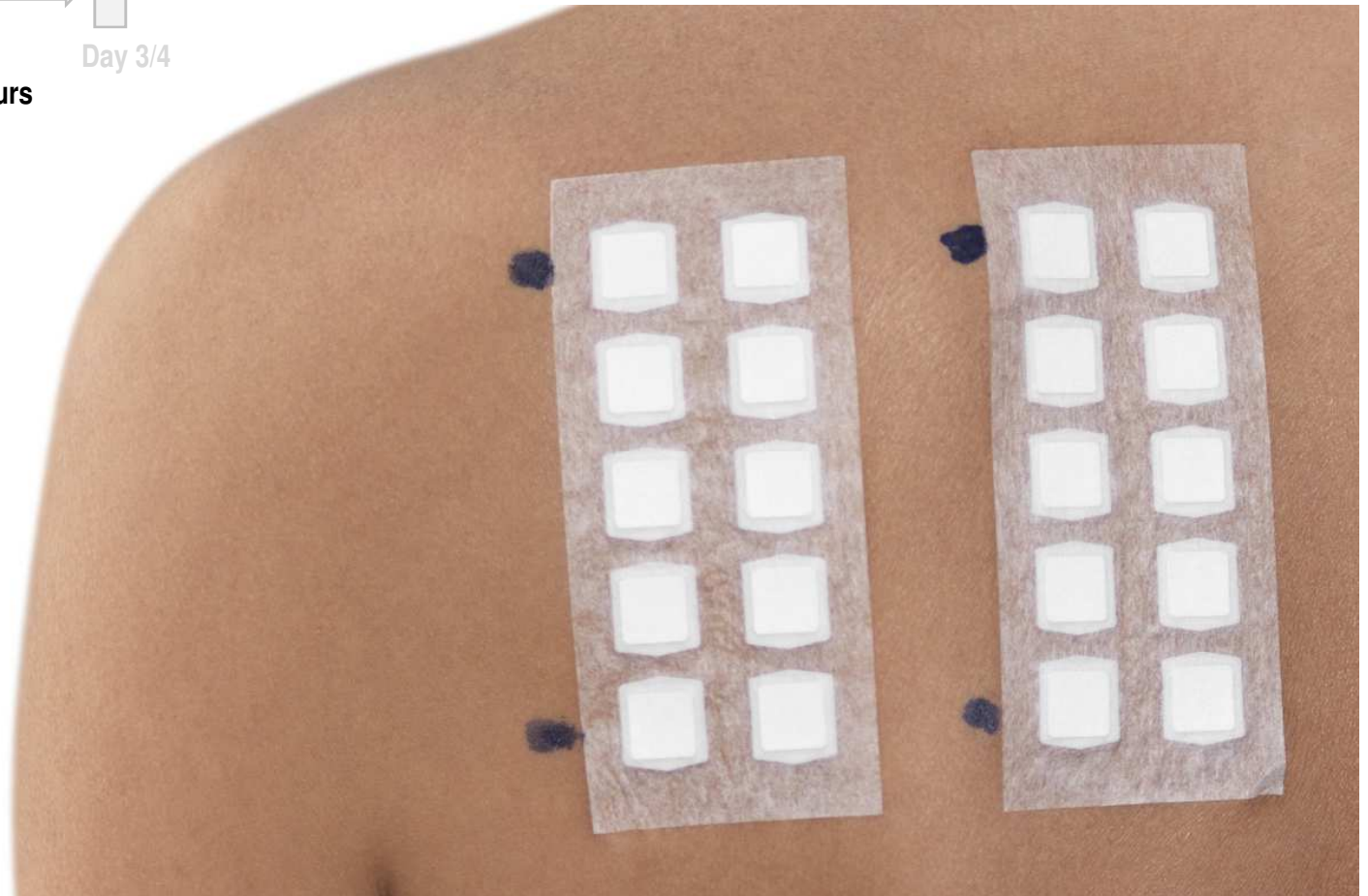
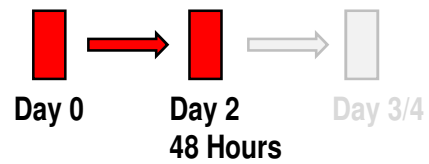
# APPLICATION - special attention to numbering



# MARKING



# 48 HOURS OF EXPOSURE TO HAPTENS



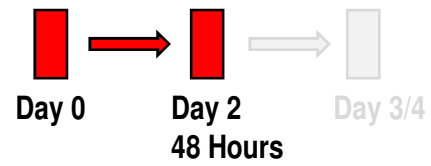
**\*\*\* Recommendation: re-mark skin before removal \*\*\***



# REMOVAL



# PRELIMINARY READING – DAY 2



## ... additional 24 – 48 hours ...



### IRRITANT CONTACT DERMATITIS (ICD)

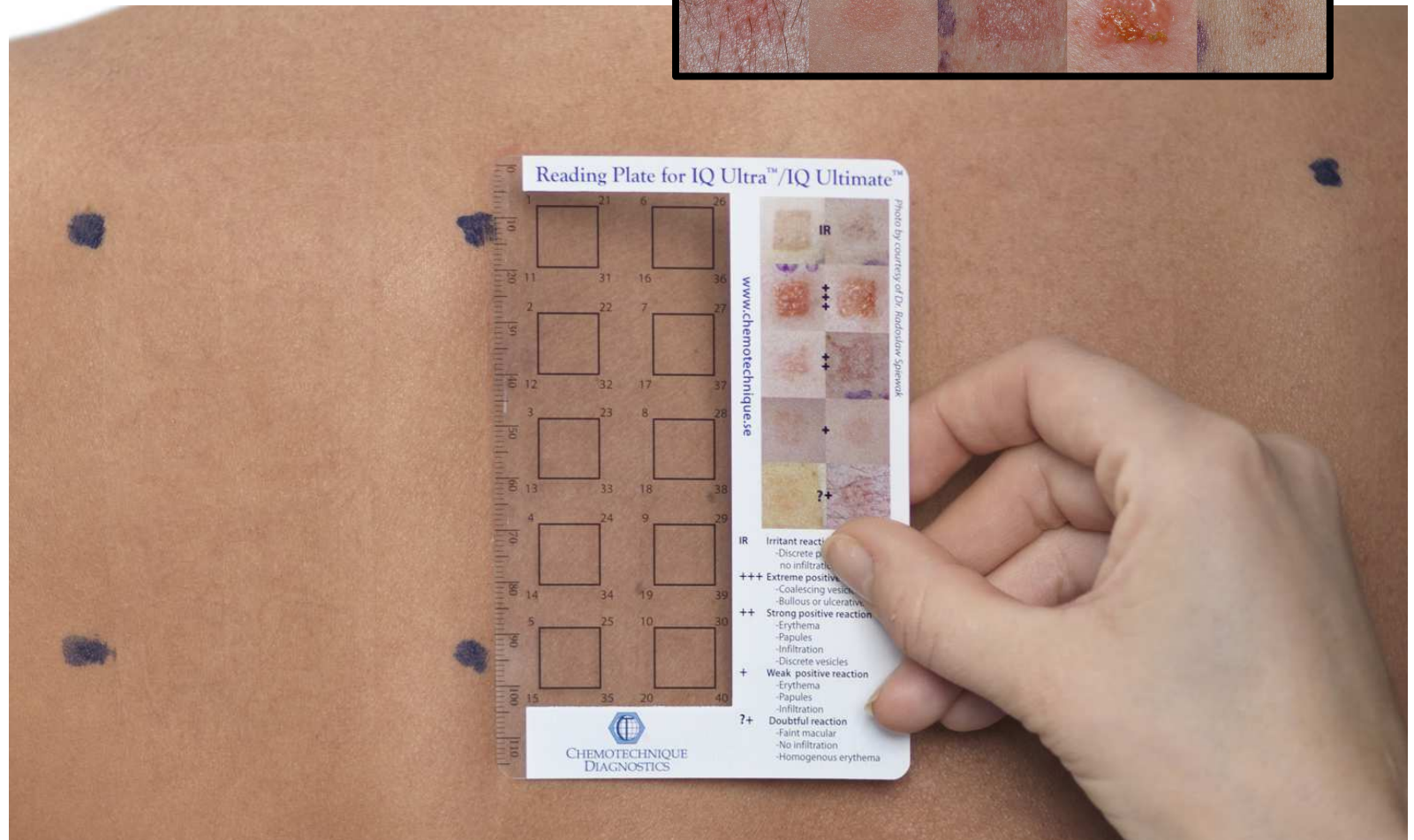
- Results from harsh chemicals, solvents
- The reaction is almost immediate
- WILL SUBSIDE ONCE THE EXPOSURE HAS STOPPED

### ALLERGIC CONTACT DERMATITIS (ICD)

- Manifestation of allergic response caused by contact with fragrance, nickel, preservatives, etc.
- ACD is acquired, it can occur after many months or years of exposure.
- Once occurred, allergy is permanent.



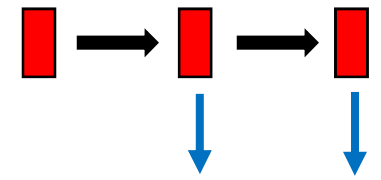
# MAIN DIAGNOSTIC READING – Day 3/4





# Recording results - Test Form

M Day 0      W Day 2      Th/F Day 3/4



**DAY 2  
PRELIMINARY READING**

**DAY 4  
MAIN READING**

**PATCH TESTING : PATIENT TEST RESULTS**

CHEMOTECHNIQUE® DIAGNOSTICS  
First in Patch Testing... Since 1981  
**DORMER LABORATORIES INC.**  
www.dormer.com

Patient Name: \_\_\_\_\_ ID#: \_\_\_\_\_

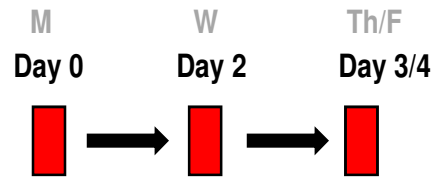
Panel Placement: \_\_\_\_\_ (date/time) Panel Removal: \_\_\_\_\_ (date/time)

Read Date #1: \_\_\_\_\_ Read Date #2: \_\_\_\_\_ Read Date #3: \_\_\_\_\_ Read Date #4: \_\_\_\_\_

NAC-80 North American 80 Comprehensive Series				Readings			
#	Article#	Veh/Conc	Description	#1	#2	#3	#4
1	B-004	5.0 pet	Benzocaine				
2	M-003B	1.0 pet	2-Mercaptobenzothiazole (MBT)				
3	C-020	20.0 pet	Colophonium / (Colophony)				
4	P-006	1.0 pet	p-Phenylenediamine (PPD)				
5	I-001A	2.0 pet	Imidazolidinyl urea Germall 115)				
6	C-014	1.0 pet	Cinnamal / (Cinnamic aldehyde)				
7	A-004	50.0 pet	Amerchol L 101				
8	Mx-06	3.0 pet	Carba mix				
9	N-001	20.0 pet	Neomycin sulfat				
10	MX-01	1.0 pet	Thiuram mix				
11	C-028	1.0 pet	Clobetasol-17-p				
12	F-005	1.0 pet	Ethylhexylmethacrylate				



# Diagnosis – Patient Info Sheet



DAY 4  
MAIN READING

DIAGNOSIS

PATIENT COUNSELLING

- Causative substances
- Products containing substances
- Alternative products to use

RESOURCES



CHEMOTECHNIQUE<sup>®</sup> DIAGNOSTICS  
*First in Patch Testing... Since 1981*  
FORMER LABORATORIES INC.  
www.dormer.com

**PATIENT INFORMATION SHEET**

**Zinc Chloride** (Z-007)

Your patch testing results indicate that you have a contact allergy to **Zinc Chloride**. It is important that you familiarize yourself with this chemical and take steps to avoid coming in contact with it.

**i** **What is Zinc Chloride and where is it found?**  
This chemical is widely used in deodorants. It is also used as a wood preservative and can be found in some textiles, cements and parchment papers. Further research may identify additional product or industrial usages of this chemical.

**i** **What else is Zinc Chloride called?**  
This chemical can be identified by different names, including:  
*Butter of zinc  
Tinning flux  
Zinc butter  
Zinc chloride  
Zinc dichloride  
Zinfrac  
ZnCl<sub>2</sub>*  
This may not be a complete list as manufacturers introduce and delete chemicals from their product lines.

**THINGS YOU CAN DO TO HELP MANAGE YOUR CONTACT ALLERGY**

- Be vigilant ... read the product label.** Always take the time to read the ingredient listing on product packages. This should be your first step *each* time you purchase a product as manufacturers sometimes change product ingredients. If you have any concerns ask your pharmacist or your doctor.
- Test the product first.** If you have purchased a new product you should test it on a small skin area to see if you get a reaction before using the product on larger skin areas.
- Advise people you obtain services from of your contact allergy.** This should include people like your pharmacist, doctor, hairdresser, florist, veterinarian, etc.
- Inform your employer if the source of your contact allergy is work related.** You should identify the specific source of the chemical and take the necessary steps to avoid further exposure. Protective wear may be adequate or you may need to make a change in your work activities. Both you and your employer benefit when the cause of your occupational dermatitis is eliminated.
- "Cosella" #** The internet is an excellent source of ingredient information that can be searched by product by

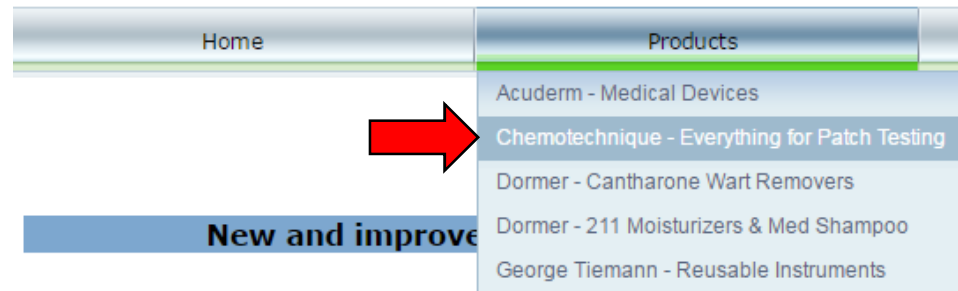


# RESOURCES

# ORDERING HAPTENS – www.dormer.com



## DORMER LABORATORIES INC.



# ORDERING HAPTENS – Series


**DORMER  
LABORATORIES INC.**

Site Search:  

[My Order/Quote](#)

Home	Products	Ordering	Contact Us
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Hapten Search



## Order-Quote Hapten Series

	Series#	Series Name	Quantity
<a href="#">Details</a>	B-1000	<a href="#">Bakery Series</a>	<input type="text"/>
<a href="#">Details</a>	C-1000	<a href="#">Cosmetic Series</a>	<input type="text"/>
<a href="#">Details</a>	CAD-1000	<a href="#">Cutaneous Adverse Drug Reaction Series</a>	<input type="text"/>
<a href="#">Details</a>	CS-1000	<a href="#">Corticosteroid Series</a>	<input type="text"/>
<a href="#">Details</a>	DMP-1000	<a href="#">Dental Materials Patients</a>	<input type="text"/>
<a href="#">Details</a>	DMS-1000	<a href="#">Dental Materials Staff</a>	<input type="text"/>
<a href="#">Details</a>	DS-1000	<a href="#">Dental Screening</a>	<input type="text"/>
<a href="#">Details</a>	E-1000	<a href="#">Epoxy Series</a>	<input type="text"/>
<a href="#">Details</a>	NA-1000	<a href="#">North American Baseline Series</a>	<input type="text"/>
<a href="#">Details</a>	NAC-80	<a href="#">North American 80 Comprehensive Series</a>	<input type="text"/>
<a href="#">Details</a>	NAE-65	<a href="#">North American 65 Extended Series</a>	<input type="text"/>



# ORDERING HAPTENS – Series – replacements


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Hapten Search



## Order-Quote Hapten Series

	Series No	Article No	Article Description	Conc	Quantity
<a href="#">Details</a>	NAC80-1	B-004	Benzocaine	5.0 pet	<input type="text"/>
<a href="#">Details</a>	NAC80-2	M-003B	2-Mercaptobenzothiazole (MBT)	1.0 pet	<input type="text"/>
<a href="#">Details</a>	NAC80-3	C-020	Colophonium / (Colophony)	20.0 pet	<input type="text"/>
<a href="#">Details</a>	NAC80-4	P-006	p-Phenylenediamine (PPD)	1.0 pet	<input type="text"/>
<a href="#">Details</a>	NAC80-5	I-001A	Imidazolidinyl urea Germall 115)	2.0 pet	<input type="text"/>
<a href="#">Details</a>	NAC80-6	C-014	Cinnamal / (Cinnamic aldehyde)	1.0 pet	<input type="text"/>
<a href="#">Details</a>	NAC80-7	A-004	Amerchol L 101	50.0 pet	<input type="text"/>
<a href="#">Details</a>	NAC80-8	MX-06	Carba mix	3.0 pet	<input type="text"/>
<a href="#">Details</a>	NAC80-9	N-001	Neomycin sulfate	20.0 pet	<input type="text"/>
<a href="#">Details</a>	NAC80-10	MX-01	Thiuram mix	1.0 pet	<input type="text"/>
<a href="#">Details</a>	NAC80-11	C-028	Clobetasol-17-propionate	1.0 pet	<input type="text"/>
<a href="#">Details</a>	NAC80-12	E-005	Ethylenediamine dihydrochloride	1.0 pet	<input type="text"/>
<a href="#">Details</a>	NAC80-13	F-002	Enoxy resin Bisphenol A	1.0 pet	<input type="text"/>



# ORDERING HAPTENS – Alphabetical


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LABORATORIES INC.**


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Hapten Search



- Order / Quote**
- Series
  - Alphabetical 
  - Mixes
  - Patch Test Chambers
  - Accessories
  - Patch Test Chambers
  - Patch Test Training
  - Reimbursement
  - Printable Material

## Order-Quote Haptens Alphabetically

- A     B     C     D     E     F     G     H     I     J     K     L     M  
 N     O     P     Q     R     S     T     U     V     W     X     Y     Z
- 

	Article	Article-Description	Conc	Quantity
<a href="#">Details</a>	A-001	Abietic acid	10.0 pet	<input type="text"/>
<a href="#">Details</a>	A-002	Hydroabietyl alcohol / (Abitol)	10.0 pet	<input type="text"/>
<a href="#">Details</a>	A-003B	Alantolactone	0.033 pet	<input type="text"/>
<a href="#">Details</a>	A-004	Amerchol L 101	50.0 pet	<input type="text"/>
<a href="#">Details</a>	A-005	4-Aminoazobenzene	0.25 pet	<input type="text"/>
<a href="#">Details</a>	A-006A	PABA / (4-Aminobenzoic acid)	5.0 pet	<input type="text"/>
<a href="#">Details</a>	A-006B	PABA / (4-Aminobenzoic acid)	5.0 al	<input type="text"/>
<a href="#">Details</a>	A-006C	PABA / (4-Aminobenzoic acid)	10.0 pet	<input type="text"/>
<a href="#">Details</a>	C-012	Chlorquinol	5.0 pet	<input type="text"/>
<a href="#">Details</a>	C-013	Cinnamyl alcohol / (Cinnamic alcohol)	2.0 pet	<input type="text"/>
<a href="#">Details</a>	C-014	Cinnamal / (Cinnamic aldehyde)	1.0 pet	<input type="text"/>
<a href="#">Details</a>	C-015	Clioquinol (Chinoform, Vioform)	5.0 pet	<input type="text"/>
<a href="#">Details</a>	C-016	Coal tar	5.0 pet	<input type="text"/>



# ORDERING HAPTENS – Search

## DORMER LABORATORIE

Home

Hapten Search

cinna

A-014 AMYL CINNAMAL / (AMYL CINNAMALDEHYDE)

C-014 CINNAMAL / (CINNAMIC ALDEHYDE)

Reimbursement

Printable Material

Search results for c-014 cinna / (cinnamic aldehyde) resulted in 1 Haptens /Allergens being found

Article No	Description	Quantity
C-014	Cinna / (Cinnamic aldehyde)	1

Records per page: 100 Records: 1 - 1 of 1 - Pages: 1

Add to Order/Quote



# ORDERING HAPTENS – obtain quote

Add to Order/Quote



Art No	Series	Description	Conc	Qty		
C-014	B-8,F-1,NA-6, NAE65-6, NAC80-6	Cinnamal / (Cinnamic aldehyde)	1.0 pet	1	<a href="#">Delete</a>	<a href="#">Edit</a>



Complete Order / Quote



Shipping & Billing
Shipping Charges
Review & Submit

**All Fields with a "\*" are mandatory.**

Do not use the "Back" & "Forward" buttons in your browser

Customer Number:	<input type="text"/>	Purchase Order Number:	<input type="text"/>
Contact Name:	<input type="text"/>	E-mail*:	<input type="text"/>
Tel:	<input type="text"/>	Ext:	<input type="text"/>
	<input type="text"/>	Fax:	<input type="text"/>

---

<b>Ship To Address:</b>		<b>Bill To Address:</b> <input type="checkbox"/> Same as Shipping	
Name Of Practice*:	<input type="text"/>	Name of Practice:	<input type="text"/>
Name Of Doctor*:	<input type="text"/>	Name of Doctor:	<input type="text"/>
Address*:	<input type="text"/>	Address:	<input type="text"/>
Address:	<input type="text"/>	Address:	<input type="text"/>
City*:	<input type="text"/>	City:	<input type="text"/>
State*:	<input type="text"/>	State:	<input type="text"/>
ZIP*:	<input type="text"/>	ZIP:	<input type="text"/>
Country*:	<input type="text"/>	Country:	<input type="text"/>

---

Status\*:

Bill Me       Credit Card

\*Do not send credit card information. If you are a new customer your payment must be made by credit card. Please call customer service with your credit card details after you receive your priced order/quote.

Payment\*:

Order/Confirm       Quote/Confirm

(Quotation's are only available for Chemotechnique products.)

Comments:

**\* Recommendation:**  
request quote, then place order  
following detailed review



# ORDERING HAPTENS – by FAX

**DORMER LABORATORIES INC.**  
**MONTREAL TORONTO**  
 91 Kellfield Street, Unit 5 • Toronto, Ontario • M9W 5A3  
 Tel: 416-242-6167 Toll Free Tel: 1-866-976-7637  
 Fax: 416-242-9487 Toll Free Fax: 1-877-436-7637  
 www.dormer.com email: info@dormer.ca

CHEMOTECHNIQUE PATCH TEST ALLERGENS (HAPTENS)  
 AND ACCESSORIES



Customer Number: _____	Purchase Order Number: _____	Date: _____
Tel No: _____	Fax No: _____	Email Address: _____
<b>Shipping Information</b>		<input type="checkbox"/> Same as "Shipping Information"
Name of Practice: _____	<b>Invoice and Payment Information</b>	
Name of Doctor: _____	Name of Practice: _____	Name of Doctor: _____
Contact Name: _____ Ext: _____	Contact Name: _____	Contact Name: _____
Street Address _____	Street Address _____	Street Address _____
City: _____ State: _____ ZIP _____	City: _____ State: _____ ZIP _____	City: _____ State: _____ ZIP _____

**Payment Options:**

Credit Card Number:

Expiry Date (MM/YY)

Name on Card \_\_\_\_\_

Visa  
 Mastercard  
 American Express

**Information and Ordering Instructions:**  
 1. To order a complete series: Please use the series number. (example CS-1000, NA-1000)  
 2. To order an individual allergen(s): Please use the article number (example T-031). If applicable add the suffix "B" or "C" to denote concentration (example T-031B).  
 Shipping and handling charges will be added to the invoice.  
 Please allow 3-4 weeks for delivery of allergens.  
 You can place an order or obtain a quotation at [www.dormer.com](http://www.dormer.com)

Series No.	Article No.	Chemical Name	Order Qty
NAC80-6	C-014	Cinnamal	1

# ORDERING HAPTENS – No orders over the phone

**Chemotechnique**  
**Haptens /Patch Testing Accessories**  
Available only for distribution in Canada & U.S.A

Online



Telephone



Fax

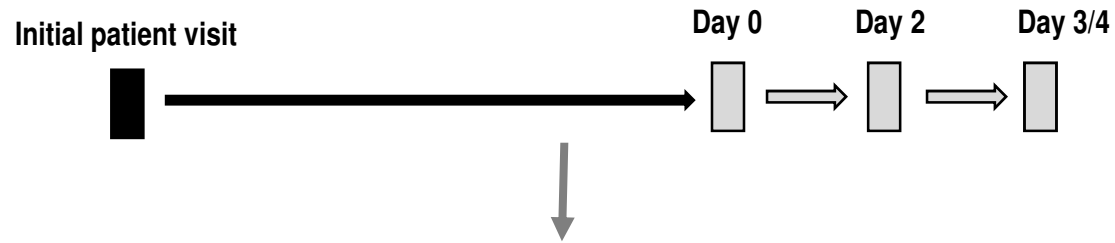


## WHY WE DO NOT TAKE ORDERS OVER THE PHONE

- Many chemical names sound similar to others
- Order items can be numerous
- Conditions are ideal for mix-ups and misunderstandings

**WE DO WELCOME YOUR TELEPHONE CALLS TO PROVIDE ASSISTANCE WITH COMPLETING YOUR ORDERS**

# RECEIPT OF HAPTENS



**\*\* CHECK YOUR ORDER \*\***

# RESOURCES: SUPPORT MATERIAL

- Catalogue & Reference Manual
- Patch Testing Information for Patient
- Test Results Form
- Patient Information Sheets
- Safety Data Sheets
- Patient History Record Sample
- Consent form samples

**History**

Date of most recent doctor visit: \_\_\_\_\_  
 as noted, specify affected: \_\_\_\_\_  
 Sex:  Male  Female  Other

Site of patch of testing: \_\_\_\_\_

Major health problems:

Respiratory:  Asthma  Emphysema  Chronic Bronchitis  COPD  Allergic Rhinitis  Sinusitis  Otitis Media  Eustachian Tube Dysfunction  Allergic Conjunctivitis  Allergic Dermatitis  Allergic Contact Dermatitis  Atopic Dermatitis  Psoriasis  Eczema  Hives  Urticaria  Allergic Reaction  Allergic Shock  Anaphylaxis  Hypertension  Diabetes  Heart Disease  Stroke  Cancer  Kidney Disease  Liver Disease  Thyroid Disease  Autoimmune Disease  HIV/AIDS  Other: \_\_\_\_\_

Current medications: \_\_\_\_\_  
 Allergies: \_\_\_\_\_  
 Family history of allergies and asthma:  Yes  No  Not Sure

Read Date #1: \_\_\_\_\_ Read Date #2: \_\_\_\_\_ Read Date #3: \_\_\_\_\_ Read Date #4: \_\_\_\_\_

**PATCH TESTING - PATIENT TEST RESULTS**

Patient Name: \_\_\_\_\_ ID#: \_\_\_\_\_  
 Panel Placement: \_\_\_\_\_ (date/time) Panel Removal: \_\_\_\_\_ (date/time)

Article	Yuh/Conc	Description	Readings			
#			#1	#2	#3	#4
1	B-004	5.0 pet	Benzocaine			
2	M-003B	1.0 pet	2-Mercaptobenzenothiazole (MBT)			
3	C-020	20.0 pet	Colophonium / Colophony			
4	P-006	1.0 pet	p-Phenylenediamine (PPD)			
5	I-001A	2.0 pet	Imidazolidinyl urea Germall 115			
6	C-014	1.0 pet	Cinnamal / Cinnamic aldehydes			
7	A-004	50.0 pet	Amaranth L 101			
8	Mx-06	3.0 pet				
9	B-001	20.0 p				
10	MX-01	1.0 pet				
11	C-028	1.0 pet				

**PATIENT INFORMATION SHEET**

**Zinc Chloride**

Your patch testing results indicate that you have a contact allergy to Zinc Chloride. It is important that you be aware of the products that contain this chemical and take steps to avoid contact with it.

**1. What is Zinc Chloride and where is it found?**  
 Zinc Chloride is a white, crystalline powder. It is also used as a wood preservative and can be found in some building materials and paint products. Further research may identify additional products in industrial settings of the chemical.

**2. What other is Zinc Chloride called?**  
 This chemical can be identified by different names, including:  
 Zinc Chloride  
 Zinc Chloride  
 Zinc Chloride  
 Zinc Chloride  
 Zinc Chloride  
 ZnCl<sub>2</sub>



**SAFETY DATA SHEET**

**1. IDENTIFICATION**  
 Product Name: Zinc Chloride  
 CAS No.: 7440-46-1  
 EC No.: 231-732-0  
 GHS05: Corrosive  
 GHS09: Hazardous to the Environment


**2. HAZARD INFORMATION**  
 Health Hazards: Causes severe skin burns and eye damage.  
 Environmental: Harmful to aquatic life with long lasting effects.

**3. PREVENTION**  
 Personal Protective Equipment: Wear protective gloves, clothing, eye protection, and footwear as required.  
 Hygiene: Wash thoroughly after handling.  
 Ventilation: Use only outdoors or in a well-ventilated area.

**4. FIRST AID MEASURES**  
 Inhalation: Move to fresh air. If breathing is difficult, give oxygen.  
 Skin Contact: Wash with plenty of water for at least 15 minutes.  
 Eye Contact: Hold eyelids open. Flush with water for at least 15 minutes.  
 Ingestion: Drink plenty of water. Do not induce vomiting.



Hapten Search

**Order / Quote**

- Series
- Alphabetical
- Mixes
- Patch Test Chambers
- Accessories

**Patch Test Chambers**

**Patch Test Training**

- Training Videos
- Training Presentation
- Patch Testing Patient Initial Instructions

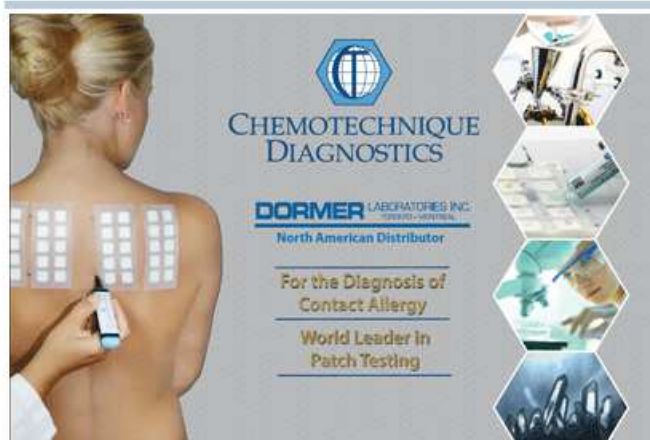
**Reimbursement**

- Canada
- U.S.A.

**Printable Material**

- Patient Info English
- Patient Info French
- Patient Info Spanish
- SDS English
- Test Forms English
- Catalogue

Announcements, News And More.....



**Chemotechnique Diagnostics (CT)** is recognized as the world's leading patch test company with the most complete range of 550 haptens distributed in over 90 countries. These contamination free haptens, test chambers and accessories are produced under stringent GMP pharmaceutical controls. CT functions under the ISO13485 and ISO9001 Quality Management systems. CT is audited and licensed by the Medical Products Agency (MPA), "Sweden's FDA". CT is committed to the global advancement of contact dermatitis and the field of occupational dermatology through its extensive Research and Development program. To this end CT works cooperatively with the world's leading contact dermatitis associations (ICDRG - International Contact Dermatitis Research Group; EECDRG - European Environmental and Contact Dermatitis Research Group; NACDNG - North American Contact Dermatitis Group) to facilitate dermatological investigations where patch tests are involved.

**Chemotechnique Diagnostics - the trusted name in patch testing!**

## Meetings & Conventions

29th Annual Meeting of the **American Contact Dermatitis Society**

website: [www.contactderm.org](http://www.contactderm.org)

(ACDS) Thursday, February 15th, 2018

San Diego, CA

Location and meeting details to follow

Meeting and Exhibit hours: 7am Registration open - Meeting ends 5pm followed by Networking

76th Annual Meeting of

**American Academy of Dermatology**

website: [www.aad.org](http://www.aad.org) - 2017 annual meeting (AAD)

February 16th through 18th, 2018

San Diego Convention Center

San Diego, CA 92101

Telephone: (202) 249-3000

Exhibit Hours:

- Friday February 16th 10.00 am-5.00 pm
- Saturday February 17th 10.00 am-5.00 pm
- Sunday February 18th 10.00 am-3.00 pm

Visit: Chemotechnique Diagnostics AB / Dormer Laboratories Inc., **Booth 2916**

92nd Annual Meeting of

**Canadian Dermatology Association**

June 21st through - 24th, 2017

Fredericton, NB (Site and schedule to be determined)

## Announcements



# RESOURCES – Chemotechnique Reference Manual

**DORMER** LABORATORIES INC.  
TORONTO - MONTREAL

Site Search:  

[My Order](#)

Home

Products

Ordering

Contact Us

Hapten Search

**Order**

Series

Alphabetical

Mixes

Patch Test Chambers

Accessories

Patch Test Chambers

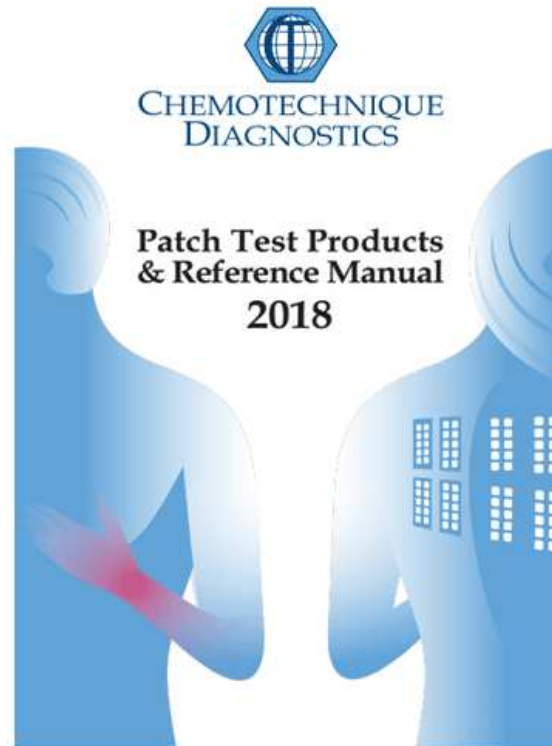
Metal Allergy Products

Patch Test Training

Reimbursement

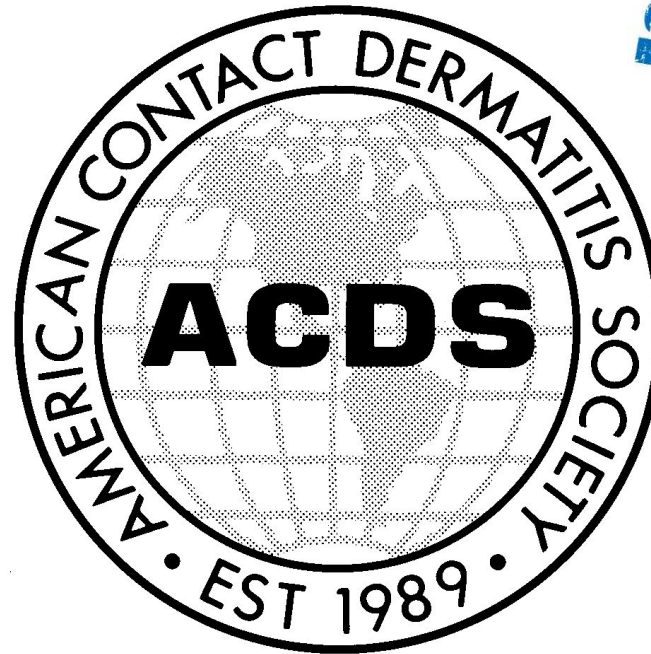
Printable Material

Catalogue



\* Adobe Reader is required to view the above catalogue

# RESOURCES – ACDS

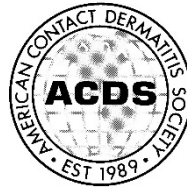


JOIN OUR COMMUNITY

[www.contactderm.org](http://www.contactderm.org) 

# RESOURCES – ACDS

**AMERICAN CONTACT DERMATITIS SOCIETY**



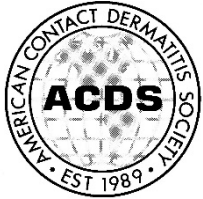
**WITH THANKS TO**

**DORMER/CHEMOTECHNIQUE  
FOR PLATINUM LEVEL SUPPORT OF  
EDUCATIONAL PROGRAMS AND EVENTS**





# RESOURCES – ACDS



American Contact Dermatitis Society

[HOME](#) [JOIN](#) [FIND A PHYSICIAN](#) [MEMBER LOGIN](#) [SEARCH](#)

[f](#) [t](#) [in](#) [SOCIETY NEWS](#)

[ABOUT ACDS](#) [JOIN ACDS](#) [EDUCATION](#) [PUBLIC & PATIENTS](#) [MEETINGS](#) [RESOURCES](#) [CALENDAR](#) [MEMBERS](#) [CONTACT](#)



**ACDS MISSION:** To promote, support, develop and stimulate information about contact dermatitis and occupational skin disease.

## MEMBERSHIP BENEFITS

CAMP – Contact Allergen Management Program

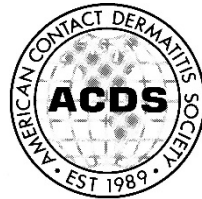
DERMATITIS journal – Free subscription

CMEs – Earn at the annual meeting

Up-to-date information on the state-of-the-art

Network with national & international peers

# RESOURCES – C.A.M.P.



## C.A.M.P.

### Contact Allergen Management Program

- ❖ For ACDS members and their patients
- ❖ Can help patients find appropriate products





# CHEMOTECHNIQUE DIAGNOSTICS

**DORMER** LABORATORIES INC.  
TORONTO - MONTREAL

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**WORKING TOGETHER ... ADVANCING PATCH TESTING**

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