15th International Symposium on Contact Dermatitis (ISCD)
in conjunction with
5th International Symposium on Irritant Contact Dermatitis (ISICD)

Elysium Beach Resort, Paphos, Cyprus
November 6–9, 2005

Oral Presentations and Posters

The Organizing Committee
Thomas Diepgen, M.D. (ESCD)
Peter Elsner, M.D. (ICDRG)
Arieh Ingber, M.D. (ICDS)
Akiva Trattner, M.D. (ICDS)

Symposium Secretariat
ORTRA LTD.
1 Nirim Street
P.O. Box 9352
Tel Aviv 61092, Israel
Tel.: +972-3-638 4444
Fax: +972-3-638 4455
E-mail: conderm@ortra.com
www.ortra.com/conderm
Pre-Symposium Contact Dermatitis Course ‘Patch Test Course’

Open discussion, which will provide a logical approach to the diagnosis of patients with Contact Dermatitis with an emphasis on patch testing: who to patch test, how, when and where?

**Course Leader:** J.M. Lachapelle (Belgium)

**Panel Members:**
- M. Bruze (Sweden), T.L. Diepgen (Germany), P. Elsner (Germany), S. Freeman (Australia),

**Topics to be discussed:** Patch test technology and reading, the standard series: how to adapt it in modern times? Additional series: the real interest, How to test ‘end products’? The relevance of positive and/or negative patch tests: the interest of additional testing, such as ROAT test

**OPENING**

Chairs:
- P. Elsner, T. Diepgen (Germany)
- A. Ingber, A. Trattner (Israel)

**Welcome addresses**

J.M. Lachapelle (Belgium) on behalf of ICDRG
T.L. Diepgen (Germany) on behalf of ESCD
A. Ingber (Israel) on behalf of ISCD
C. Demetriou (Cyprus) on behalf of Cyprus Society of Dermatology

**J. Wahlberg Memorial Lecture**

Introduction
M. Bruze (Sweden)

---

**Oral Presentations**

**169 CLINICAL SPECTRUM OF CONTACT DERMATITIS AND QUALITY OF LIFE**

_chairs:_ K. Andersen (Denmark), H.I. Maibach (USA)

**169 CONTACT DERMATITIS IN CHILDREN**

_C.-L. Goh, National Skin Centre (Singapore)_

**169 OCCUPATIONAL HAND ECZEMA: DIAGNOSIS, SEVERITY AND PROGNOSIS**

_T. Agner, Amtssygehuset Gentofte (Denmark)_

**169 MEDICAL AND PSYCHO-SOCIAL OUTCOME OF PATIENTS WITH OCCUPATIONAL CONTACT DERMATITIS IN ISRAEL**

_A. Lazarov1,2, B. Rabin3, N. Fraidlin3, D. Abraham1_

1 Sackler Faculty of Medicine, Tel Aviv University (Israel)
2 Meir Hospital (Israel)

**170 PARALLEL MEETING: CHEMISTRY OF ALLERGENS AND PREDICTION OF ALLERGENICITY**

_chairs:_ T. Agner (Denmark), H.C. Eun (Korea)

**170 FRAGRANCE CHEMICAL ALLERGY**

_J.-P. Lepoittevin, Université Louis Pasteur (France)_

**170 METABOLIC ACTIVATION – IMPORTANT TO CONSIDER IN PREDICTION OF CONTACT ALLERGY**

_A.-T. Karlberg, A.-M. Nilsson, M. Andresen Bergström, K. Luthman, Göteborg University (Sweden)_

**171 INTERACTION BETWEEN SMALL MOLECULAR WEIGHT COMPOUNDS AS ANTIGENS AND IMMUNOCOMPETENT CELLS**

_Hans F. Merk, RWTH Aachen (Germany)_
171 IDENTIFICATION AND CHARACTERISATION OF ALLERGENS: IN VITRO ALTERNATIVES
D.A. Basketter, Unilever Safety and Environmental Assurance Centre (UK)

171 CORRELATION OF LLNA AND HUMAN SKIN SENSITISATION THRESHOLDS
D.A. Basketter¹, C. Clapp¹, B. Safford¹, D. Jefferies¹, Ian Kimber², R.J. Dearman³, C.A. Ryan³, G.F. Gerberick³
¹ Unilever Safety and Environmental Assurance Centre (UK); ² Syngenta CTL (UK); ³ Procter & Gamble (USA)

172 OCCUPATIONAL CONTACT DERMATITIS
Chairs: M. Bruze (Sweden), J.M. Lachapelle (Belgium)

172 OCCUPATIONAL DERMATOSES: PAST, PRESENT AND FUTURE
H. Maibach, UCSF (USA)

172 ALLERGIC CONTACT DERMATITIS AMONG MAINTENANCE AND CLERICAL WORKERS IN ISRAELI MILITARY POPULATIONS
D. Slodownik¹, Y. Wohl¹,², H. Sarbagil-Maman², S. Moshe³, S. Brenner¹, A. Ingber¹
¹ Hadassah University Hospital; ² IDF; ³ Sourasky Medical Center

172 RISK-GROUP ASSESSMENT FOR HAND ECZEMA IN OCCUPATIONAL MEDICAL CARE
U. Funke¹, T.L. Diepgen¹
¹ AUDI AG Ingolstadt; ² University of Heidelberg (Germany)

173 INCIDENCE OF SENSITIZATION IN A POPULATION OF CATERING STUDENTS. THE ROLE OF GARLIC
M. Montalti, M. Fioriti, G. Sinicropi, P. Lucadei, V. Cupelli, G. Arcangeli, University of Florence (Italy)

173 PATCH TESTING TECHNIQUE
Chairs: A. Goossens (Belgium); H. Trau (Israel)

173 DOSE RESPONSE TESTING AND CLINICAL IMPLICATIONS
K.E. Andersen, Odense University Hospital, University of Southern Denmark (Denmark)

174 VARIATION IN THE AMOUNT OF PETROLATUM PREPARATION APPLIED AT PATCH TESTING
B. Gruvberger, M. Frick, M. Isaksson, M. Bruze, University of Lund, Malmö University Hospital (Sweden)

174 ANOMALIES IN PATCH TESTING WITH CORTICOSTEROIDS
S. Freeman, Skin & Cancer Foundation (Australia)

175 COMPARATIVE STUDY OF ALLERGIC REACTIVITY TO STANDARD ALLERGENS FROM THE TRUE TEST AND FINN CHAMBERS USING THE EUROPEAN STANDARD SERIES
A. Lazarov1, A. Trattner2, D. Abraham1, M. David1
¹ Hadassah University Hospital; ² Rabin Medical Center and the Sackler School of Medicine, Tel Aviv University (Israel)

175 CONCOMITANT REACTIONS TO COLOPHONY AND FRAGRANCE CHEMICALS – CAUSED BY SENSITIVITY TO HYDROPEROXIDES?
J. Brared Christensson¹,², M. Matura¹,², A. Börje³, A.-T. Karlberg¹
¹ Sahlgrenska University Hospital; ² Göteborg University (Sweden)

175 DOES A SIMULTANEOUS PERFORMED SODIUM LAURYL SULFATE TEST IMPROVE THE DIAGNOSTIC VALIDITY OF ALLERGIC PATCH TESTS?
Results from a prospective multicentre study of the German Contact Dermatitis Research Group (Deutsche Kontaktallergie-Gruppe, DKG)
H. Loeffler¹; D. Becker¹,²; J. Brasch¹, ²; J. Geier¹
¹ Philipp University; ² University of Mainz; ³ University of Schleswig-Holstein; ⁴ Georg August University (Germany)

176 COSMETIC ALLERGENS
Chairs: J.-P. Lepoittevin (France), S. Freeman (Australia)

176 UNUSUAL ALLERGENS IN COSMETICS
A. Goossens, Katholieke Universiteit Leuven (Belgium)

177 CONTACT DERMATITIS TO HAIR DYES IN A DANISH ADULT POPULATION: AN INTERVIEW BASED STUDY
H. Søsted¹, U. Hesse², T. Menné¹, K.E. Andersen³, J.D. Johansen¹
¹ University of Copenhagen; ² National Institute of Public Health; ³ Odense University Hospital, University of Southern Denmark (Denmark)

177 TOLUENE-2,5-DIAMINE (PTD) MAY BE AN ISOLATED ALLERGY IN PERMANENT HAIR DYE SENSITISED INDIVIDUALS
K.J. Rutter, S.M. Winhoven, M.H. Beck, University of Manchester, Hope Hospital (UK)

178 FOUR CASES OF CONTACT DERMATITIS DUE TO ISOPALMITYL IGLYCYL SEBACATE
R. Hayakawa, M. Sugira, K. Sugira, Environmental Dermatology & Allergology, Daichii Clinic (Japan)

178 ALLERGIC CONTACT CHEILITIS TO TOOTHPASTES IN ISRAELI PATIENTS
Y. Lavy¹, D. Slodownik¹, A. Trattner², A. Ingber¹
¹ Hadassah University Hospital; ² Rabin Medical Center (Israel)

178 KISSING KIN DERMATITIS
V. Madan, M.H. Beck, University of Manchester, Hope Hospital (UK)
L. Zoller, R. Bergman, S. Weltfriend, Rambam Health Care Campus (Israel)

INTERNATIONAL FRAGRANCE ASSOCIATION (IFRA) RECENT DEVELOPMENTS TO FURTHER IMPROVE SAFE USE OF FRAGRANCE INGREDIENTS
M. Vey, International Fragrance Association (Belgium)

GRADING THE SEVERITY OF HAND ECZEMA, AND DISCREPANCIES BETWEEN PATIENT-AND PHYSICIAN-RATED ASSESSMENT
A.M. van Coevorden, E. van Sonderen, P.J. Coenraads, University of Groningen Medical Centre (The Netherlands)

SPECIFIC ALLERGENS
Chairs: P.J. Coenraads (Netherlands); R. Hayakawa (Japan)

STENTS AND METAL ALLERGY – IS THERE ANY CONNECTION?
M. Bruze, Lund University, Malmö University Hospital (Sweden)

CONTACT ALLERGY IN PATIENTS WITH PHOTO-CONTACT ALLERGY TO KETOPROFEN
M. Hindsén¹, E. Zimerson¹, V. Garnemark², M. Bruze¹
¹ Malmö University Hospital, Lund University; ² Uddevalla Hospital (Sweden)

ANAPHYLACTOID CONTACT URTICARIA CAUSED BY EPOXY RESINS: AN EXTRAORDINARY EMERGENCY
N. Stutz, T. Stehl, M. Hertl, H. Löfler, Philipps University (Germany)

CONTACT ALLERGY TO TEXTILE DYES IN SOUTHERN SWEDEN
K. Ryberg¹, M. Isaksson¹, B. Gruvberger¹, M. Hindsén¹, E. Zimerson¹, M. Bruze¹
¹ Malmö University Hospital, Lund University

THE FREQUENCY OF POSITIVE PATCH TESTS TO THE ALLERGENS OF THE DENTAL SERIES AND THEIR RELATION TO THE CLINICAL PRESENTATIONS
Z. Khamaysi, S. Weltfriend, R. Bergman, Rambam Health Care Campus and the Technion - Institute of Technology (Israel)

SECONDARY PREVENTION OF OCCUPATIONAL SKIN DISEASES IN HAIRDRESSERS: LONG TERM EFFICACY 5 YEARS AFTER INTERVENTION
B. Wulfhorst, M. Bock, S.M. John, University of Osnabrueck (Germany)

SPECIFIC CONDITIONS IN CONTACT DERMATITIS
Chairs: A. Lazarov (Israel); H. Merk (Germany)

ALLERGY TO ANTIOXIDANTS IN ORAL MUCOSA
S. Freeman, Skin & Cancer Foundation (Australia)
185  THE CYTOKINE RESPONSE IN REPEATED SKIN IRRITATION MEASURED BY STRATUM CORNEUM TAPE STRIPPING
C.M. de Jongh1, J.J.L. Jacobs1, C.E. Withagen1, S. Gibbs2, T. Rustemeyer2, S.W. Spiekstra2, M.M. Verberk1, S. Kezic1
1 University of Amsterdam; 2 University Medical Centre (The Netherlands)

186  SITE VARIATIONS IN SUSCEPTIBILITY TO SLS AT THE VOLAR FOREARM
M. Bock, S.M. John, B. Wulfhorst, University of Osnabrück (Germany)

186  EFFECT OF SEMIPERMEABLE GLOVE MEMBRANES ON SKIN BARRIER REPAIR FOLLOWING SLS-IRRITATION: UNIQUE OPTIONS FOR PREVENTION
M. Bock, K. Dahmer, S.M. John, University of Osnabrück, Germany

187  EXPERIMENTAL CLINICAL STUDIES IN IRRITANT DERMATITIS
Chairs: D. Basketter (UK); E. Tur (Israel); S. Weltfriend (Israel)

187  AGE ASSOCIATED CHANGES IN SUCEPTIBILITY TO SKIN IRRITATION AND BARRIER REPAIR FOLLOWING SKIN IRRITATION
K.-P. Wilhelm, proDERM Institute for Applied Dermatological Research (Germany)

187  EVALUATION OF THE ACUTE EPIDERMAL BARRIER DISRUPTION- AND LIPID EXTRACTION POTENTIAL OF DIFFERENT OCCUPATIONAL LIPOPHILIC IRRITANTS
S. Schliemann1, D. Lange D1, P. Kleesz2, R. Neubert3, P. Elsner1
1 Friedrich-Schiller-Universität Jena; 2 Institution for Statutory Accident Insurance and Prevention in the Foodstuffs Industry and the Catering trade; 3 University of Halle, Germany

187  TESTING SKIN PROTECTION CREAMS – NEW METHODS TO EVALUATE EFFICACY
A. Klotz, M. Veeger, B. Thömer, A. zur Mühlen, Degussa, Stoko Skin Care (Germany)

188  TREATMENT AND PREVENTION OF CONTACT DERMATITIS
Chairs: C. Demetriou (Cyprus); C.L. Goh (Singapore); S. Dikstein (Israel)

188  ROLE OF MOISTURIZERS IN THE TREATMENT OF DERMATITIS
C.L. Goh, National Skin Centre (Singapore)

188  A MULTI-CENTER RANDOMIZED, DOUBLE-BLIND, RIGHT/LEFT CONTROLLED STUDY TO EVALUATE THE EFFICACY AND SAFETY OF TACROLIMUS OINTMENT 0.1% IN THE TREATMENT OF PATIENTS WITH CHRONIC ALLERGIC CONTACT DERMATITIS
D. Belsito1, D. Wilson2, E. Warshaw3, J. Fowler4, F. Storr4, A. Ehrlich5, B. Anderson1, B. Strober, J. Hartle1
1 University of Kansas; 2 Education and Research Foundation, University of Minnesota; 3 University of Louisville; 5 Oregon Health Science University; 6 George Washington University; 7 Pennsylvania State University; 8 New York University; 9 Astellas Pharma US, Inc. (USA)

189  RATIONAL USE OF ANTIBIOTICS IN DERMATOLOGY
C. Papavassilis, University of Würzburg, Würzburg (Germany)

189  A NOVEL TREATMENT OF CONTACT DERMATITIS BY TOPICAL APPLICATION OF A PHOSPHOLIPASE A2 INHIBITOR; A DOUBLE-BLIND PLACEBO-CONTROLLED PILOT STUDY
A. Inger1, M. Krimsky2, Y. Cohen1, S. Yedgar2
1 Hadassah University Hospital; 2 Hebrew University Medical School (Israel)

189  DERMATOLOGICAL AND EDUCATIONAL ASPECTS OF SECONDARY INDIVIDUAL PREVENTION IN HEALTH CARE WORKERS
E. Weisshaar, M. Radulescu, C. Apfelbacher, T. Diepgen, University Hospital Heidelberg (Germany)

190  TERTIARY INDIVIDUAL PREVENTION – A DECADE’S EXPERIENCE WITH RECALCITRANT OCCUPATIONAL DERMATITIS
S.M. John, C. Skudlik, University of Osnabrück (Germany)

POSTERS

191  COMPARATIVE STUDIES ON THE IRRITATION POTENTIAL OF SURFACTANTS
A. Mehling, H. Hensen, Cognis Deutschland GmbH & Co.KG (Germany)

191  TEFILLIN DERMATITIS
A. Trattner, M. David, Rabin Medical Center and Tel Aviv University (Israel)

191  ALLERGIC REACTIONS TO (METH) ACRYLATES IN A 10-YEAR PERIOD
K. Alanko, R. Jolanki, Finnish Institute of Occupational Health (FIOH) (Finland)

192  FACIAL CONTACT ALLERGY: RESULTS OF PATCH TESTING
A. Beliauskiene, S. Valiukeviciene, Kaunas University of Medicine (Lithuania)

192  ALLERGIC CONTACT DERMATITIS TO COCAMIDOPROPYLbetaine IN PATIENTS WITH COSMETIC ALLERGY
O. Raz, D. Slodownik, A. Inger, Hadassah University Hospital (Israel)
BERGAMOT OIL INTENDED FOR TOPICAL USE – ATTEMPTS AT A RISK ASSESSMENT OF PHOTOTOXICITY
D. Jiřová1, K. Kejlová1, H. Bendová1, H. Kandárová1, Z. Weidenhoffer1, M. Liebsch2
1 National Institute of Public Health (Czech Republic); 2 Federal Institute for Risk Assessment (BfR) (Germany)

ALLERGIC CONTACT URTICARIA AND ANAPHYLAXIS FROM OCCUPATIONAL AIRBORNE EXPOSURE TO HBTU
K. Alanko, T. Hannu, O. Kuuliala, H. Keskinen
Finnish Institute of Occupational Health (FIOH) (Finland)

UNCONSUMED PRECURSOR AND COUPLERS AFTER FORMATION OF OXIDATIVE HAIR DYES
H. Søsted1, S.C. Rastogi2, T. Menné1, J.D. Johansen1
1 University of Copenhagen, Gentofte Hospital; 2 National Environmental Research Institute, (Denmark)

PROTECTIVE EFFECTS OF SELECTED ACTIVE INGREDIENTS OF COSMETIC PRODUCTS
H. Bendová, K. Kejlová, D. Jiřová, National Institute of Public Health (Czech Republic)

PHOTOPATCH TESTS: ANY NEWS UNDER THE SUN?
T. Zeeli, A. Trattner, M. David
Rabin Medical Center and Tel Aviv University (Israel)

SKIN ABSORPTION AND METABOLISM OF CONTACT ALLERGENS: P-PHENYLENEDIAMINE
C.K Smith Pease, R. Pendlington, D. Sanders, H. Minter, D.A. Baskette, Unilever (UK)

SIMULTANEOUS QUANTIFICATION OF TEN CYTOKINES IN ALLERGIC CONTACT DERMATITIS TO POTASSIUM DICHROMATE USING LUMINEX LIQUICHIP ARRAY
L. Akerman, A. Trattner, T. Klein, M. Israeli, A. Freizer, M. David
Rabin Medical Center (Israel)

PATCH TEST RESULTS OF OIL AND COOLING FLUIDS SERIES
M. Freireich-Astman, A. Trattner, M. David, Rabin Medical Center and Tel Aviv University (Israel)

INTERVENTION ON WORK-RELATED SKIN PROBLEMS IN THE CLEANING INDUSTRY
M-L.A. Schuttelaar, E.J. Jansen, C.J. Scholten, F.H.W. Junghauer, N. Drukker, P.J. Coenraads, University Medical Center Groningen, University of Groningen (The Netherlands)

ENHANCING SKIN BARRIER FUNCTION – A NEW WORKING PRINCIPLE FOR SKIN PROTECTION PRODUCTS?
A. zur Mühlen1, A. Klotz1, S. Weimans2, M. Veeger2, B. Thörner1, J.-O. Eichler2
1 Degussa, Stoko Skin Care; 2 Degussa, Services Krefeld (Germany)

COMPOSITAE DERMATITIS WITH PHOTOSENSITIVITY TO UVA AND UVB
D. Hallel-Halevy, S. Halevy, Soroka University Medical Center and Ben-Gurion University of the Negev (Israel)