Contact sensitization in patients with allergic hand eczema: Patterns of sensitization and suspected allergen sources by eczema location: an analysis of patch test data of the Information Network of Departments of Dermatology (IVDK), 2005-2024

Lokalisation: Handinnenfläche(n) (BD)

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# MOAHLFA-Index

MOAHLFA-Index, Lokalisation: Handinnenfläche(n) (BD), N=913. Table: MOAHLFA-Index, Lokalisation: Handinnenfläche(n) (BD), N=913.

| Merkmal | Index | Anzahl | Prozent |
| --- | --- | --- | --- |
| Male | M | 454 | 49,7 |
| Occupational dermatitis | O | 913 | 100,0 |
| Atop. Dermatitis | A | 195 | 21,4 |
| Hand Dermatitis | H | 913 | 100,0 |
| Leg dermatitis | L | 0 | 0,0 |
| Face dermatitis | F | 0 | 0,0 |
| Age >= 40 years | A | 578 | 63,3 |

# Kontaktstoffe

Kontaktstoffe, Lokalisation: Handinnenfläche(n) (BD), N=913.

| Bezeichnung | Anzahl | Prozent |
| --- | --- | --- |
| gloves (various materials) | 257 | 28,1 |
| cosmetics, creams (leave on products) | 222 | 24,3 |
| disinfectants | 188 | 20,6 |
| rubber (other) | 168 | 18,4 |
| cutting fluids (water based) | 113 | 12,4 |
| metal (worked with) | 69 | 7,6 |
| building material | 63 | 6,9 |
| cleaning agents (e.g., detergents) | 61 | 6,7 |
| hair cosmetics | 61 | 6,7 |
| glues | 55 | 6,0 |
| metal other (e.g., coins) | 47 | 5,1 |
| plastics | 43 | 4,7 |
| neat oils, greases | 37 | 4,1 |
| drugs, external | 36 | 3,9 |
| other chemicals | 36 | 3,9 |
| soap, shampoo (rinse off products) | 36 | 3,9 |
| leather (other) | 36 | 3,9 |
| food (additives) | 33 | 3,6 |
| paints, laquers | 31 | 3,4 |
| plants (not food) | 25 | 2,7 |
| office material | 21 | 2,3 |
| dental protheses | 18 | 2,0 |
| perfume, deodorant | 17 | 1,9 |
| shoes, boots | 17 | 1,9 |
| clothing, textiles | 15 | 1,6 |
| solvents | 15 | 1,6 |
| nail cosmetics, artificial nails | 13 | 1,4 |
| dental filling (e.g. amalgam) | 13 | 1,4 |
| not classified | 13 | 1,4 |
| tools (metal, wood, plastic) | 12 | 1,3 |
| woods | 9 | 1,0 |
| not reported | 7 | 0,8 |
| wall paint, freshly painted rooms | 7 | 0,8 |
| metal jewellery | 5 | 0,5 |
| polishes (shoe, furniture, car, etc) | 5 | 0,5 |
| pesticides, herbicides, etc. | 4 | 0,4 |
| house dusts | 4 | 0,4 |
| drugs, internal | 4 | 0,4 |
| medical material (e.g., sutures, gel) | 4 | 0,4 |
| fabric softener | 3 | 0,3 |
| fur | 2 | 0,2 |
| biocides, preservatives | 2 | 0,2 |
| metal implants | 2 | 0,2 |
| laboratory chemicals | 2 | 0,2 |
| musical instruments | 2 | 0,2 |
| fehlende oder fehlerhafte Angabe | 1 | 0,1 |
| indoor scents | 1 | 0,1 |
| newly build housing | 1 | 0,1 |
| textile furniture, carpets (new) | 1 | 0,1 |
| jewellery, non-metal | 1 | 0,1 |
| weapons, pyrotechnic article | 1 | 0,1 |
| glasses, contact lens, hearing aid | 1 | 0,1 |

# Bestehen zusätzliche Kofaktoren?

Bestehen zusätzliche Kofaktoren? Lokalisation: Handinnenfläche(n) (BD), N=913.

| Angabe | Anzahl | Prozent |
| --- | --- | --- |
| Ja | 626 | 68,6 |
| Nein | 173 | 18,9 |
| Unbekannt | 99 | 10,8 |
| Angabe fehlt | 15 | 1,6 |

# Zusätzlich bestehende Kofaktoren

Zusätzlich bestehende Kofaktoren, Lokalisation: Handinnenfläche(n) (BD), N=626.

| Bezeichnung | Anzahl | Prozent |
| --- | --- | --- |
| Occlusive environment (gloves, boots) | 277 | 44,2 |
| Wetness | 177 | 28,3 |
| Mechanical stress | 44 | 7,0 |
| Dusts | 31 | 5,0 |
| Other, not classified | 23 | 3,7 |
| fehlende oder fehlerhafte Angabe | 18 | 2,9 |
| Heat | 16 | 2,6 |
| Chem. Irritation (e.g. solvents) | 15 | 2,4 |
| Cold | 13 | 2,1 |
| Dryness | 11 | 1,8 |
| Screen work | 1 | 0,2 |

# Epikutantestung Standardreihe

Epikutantestung Standardreihe, Lokalisation: Handinnenfläche(n) (BD).

| Sub. | Bezeichnung | Testzub. | Pat. | Pos. | Proz. |
| --- | --- | --- | --- | --- | --- |
| 5 | Methylchloroisothiazolinone (MCI/MI) | 100 ppm aq. | 802 | 73 | 9,1 |
| 604 | Bufexamac | 5 % pet. | 377 | 2 | 0,5 |
| 732 | Cetostearyl alcohol | 20 % pet. | 759 | 6 | 0,8 |
| 980 | Methyldibromo glutaronitrile (dibromdicyanobutane) | 0,2 % pet. | 443 | 22 | 5,0 |
| 980 | Methyldibromo glutaronitrile (dibromdicyanobutane) | 0,3 % pet. | 334 | 32 | 9,6 |
| 1177 | Fragrance mix | 8 % pet. | 801 | 71 | 8,9 |
| 1200 | Epoxy resin | 1 % pet. | 796 | 26 | 3,3 |
| 1335 | Formaldehyde | 1 % aq. | 805 | 20 | 2,5 |
| 1605 | Potassium dichromate | 0,5 % pet. | 806 | 87 | 10,8 |
| 1622 | Cobalt (II)-chloride, 6\*H2O | 1 % pet. | 803 | 93 | 11,6 |
| 1630 | Colophony (Rosin) | 20 % pet. | 801 | 65 | 8,1 |
| 1731 | Mercapto mix (MBT,CBS,MBTS,MOR) | 2 % pet. | 27 | 1 | 3,7 |
| 1732 | Mercaptobenzothiazole | 1 % pet. | 84 | 5 | 6,0 |
| 1732 | Mercaptobenzothiazole | 2 % pet. | 723 | 21 | 2,9 |
| 1884 | N-Isopropyl-N’-phenyl-p-phenylene diamine (IPPD) | 0,1 % pet. | 803 | 19 | 2,4 |
| 1946 | Nickel (II)-sulfate hexahydrate | 5 % pet. | 792 | 158 | 19,9 |
| 2085 | p-Phenylene diamine (PPD) (CI 76060) | 0,3 % pet. | 89 | 6 | 6,7 |
| 2091 | p-tert.-Butylphenol formaldehyde resin (PTBFR) | 1 % pet. | 423 | 6 | 1,4 |
| 2107 | Paraben mix | 16 % pet. | 737 | 11 | 1,5 |
| 2131 | Balsam of Peru (Myroxylon pereirae) | 25 % pet. | 806 | 73 | 9,1 |
| 2337 | Propolis | 10 % pet. | 802 | 29 | 3,6 |
| 2474 | Sorbitan sesquioleate (SSQ) | 20 % pet. | 487 | 4 | 0,8 |
| 2551 | Oil of turpentine | 10 % pet. | 793 | 21 | 2,6 |
| 2601 | Thiuram mix | 1 % pet. | 803 | 64 | 8,0 |
| 2732 | Lanolin (wool fat) alcohols | 30 % pet. | 808 | 24 | 3,0 |
| 2753 | Zinc diethyldithiocarbamate (ZDEC) | 1 % pet. | 753 | 18 | 2,4 |
| 2949 | 2-Hydroxyethyl methacrylae (HEMA) | 1 % pet. | 326 | 18 | 5,5 |
| 2976 | 1,2-Benzisothiazolin-3-one, sodium salt | 0,1 % pet. | 345 | 17 | 4,9 |
| 3002 | Compositae mix | 6 % pet. | 80 | 7 | 8,8 |
| 3045 | Mercapto mix (CBS, MBTS, MOR) | 1 % pet. | 754 | 25 | 3,3 |
| 3049 | Methyl isothiazolinone | 0,1 % aq. | 626 | 61 | 9,7 |
| 3052 | Disperse blue mix 124/106 | 1 % pet. | 73 | 0 | 0,0 |
| 3055 | Iodopropynylbutyl carbamate (IPBC) | 0,2 % pet. | 687 | 9 | 1,3 |
| 3079 | 4-(4-Hydroxy-4-methylpentyl)-3-cyclohexen-1-carboxaldehyd | 5 % pet. | 802 | 25 | 3,1 |
| 3112 | Bronopol | 0,5 % pet. | 658 | 10 | 1,5 |
| 3143 | Ylang Ylang Oil | 2 % pet. | 37 | 1 | 2,7 |
| 3143 | Ylang Ylang Oil | 10 % pet. | 582 | 26 | 4,5 |
| 3146 | Jasmine Absolute | 2 % pet. | 38 | 0 | 0,0 |
| 3146 | Jasmine Absolute | 5 % pet. | 569 | 9 | 1,6 |
| 3147 | Sandalwood Oil | 10 % pet. | 606 | 12 | 2,0 |
| 3155 | Fragrance Mix II | 14 % pet. | 804 | 49 | 6,1 |
| 3156 | Compositae Mix | 5 % pet. | 222 | 6 | 2,7 |
| 3170 | Compositae Mix II | 5 % pet. | 497 | 11 | 2,2 |
| 3268 | Composite mix (NA251) | 5 % pet. | 7 | 0 | 0,0 |