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

Localisation: Hand

Inhalt

# MOAHLFA-Index

MOAHLFA-Index, Lokalisation: Hand.

| Merkmal | Index | Anzahl | % Positiv [95%-KI] |
| --- | --- | --- | --- |
| Male | M | 5335 | 45,2 [44,3-46,1] |
| Occupational dermatitis | O | 6186 | 52,4 [51,5-53,3] |
| Atop. Dermatitis | A | 2690 | 22,8 [22,0-23,6] |
| Hand Dermatitis | H | 11797 | 100 [100,0-100,0] |
| Leg dermatitis | L | 0 | 0 [0,0-NA] |
| Face dermatitis | F | 0 | 0 [0,0-NA] |
| Age >= 40 years | A | 7187 | 60,9 [60,0-61,8] |

# Kontaktstoffe

Kontaktstoffe, Lokalisation: Hand, N=11797.

| Bezeichnung | Anzahl | % Positiv [95%-KI] |
| --- | --- | --- |
| cosmetics, creams (leave on products) | 3946 | 33,4 [32,6-34,3] |
| gloves (various materials) | 2332 | 19,8 [19,1-20,5] |
| disinfectants | 1814 | 15,4 [14,7-16,0] |
| rubber (other) | 1521 | 12,9 [12,3-13,5] |
| cutting fluids (water based) | 1201 | 10,2 [9,6-10,7] |
| drugs, external | 759 | 6,4 [6,0-6,9] |
| hair cosmetics | 687 | 5,8 [5,4-6,3] |
| soap, shampoo (rinse off products) | 676 | 5,7 [5,3-6,2] |
| glues | 632 | 5,4 [5,0-5,8] |
| metal (worked with) | 611 | 5,2 [4,8-5,6] |
| cleaning agents (e.g., detergents) | 607 | 5,1 [4,8-5,6] |
| building material | 583 | 4,9 [4,6-5,3] |
| plastics | 426 | 3,6 [3,3-4,0] |
| paints, laquers | 404 | 3,4 [3,1-3,8] |
| other chemicals | 341 | 2,9 [2,6-3,2] |
| perfume, deodorant | 337 | 2,9 [2,6-3,2] |
| leather (other) | 327 | 2,8 [2,5-3,1] |
| clothing, textiles | 326 | 2,8 [2,5-3,1] |
| neat oils, greases | 296 | 2,5 [2,2-2,8] |
| metal other (e.g., coins) | 283 | 2,4 [2,1-2,7] |
| plants (not food) | 281 | 2,4 [2,1-2,7] |
| not classified | 257 | 2,2 [1,9-2,5] |
| food (additives) | 238 | 2 [1,8-2,3] |
| shoes, boots | 195 | 1,7 [1,4-1,9] |
| office material | 156 | 1,3 [1,1-1,5] |
| not reported | 149 | 1,3 [1,1-1,5] |
| nail cosmetics, artificial nails | 140 | 1,2 [1,0-1,4] |
| biocides, preservatives | 131 | 1,1 [0,9-1,3] |
| dental protheses | 131 | 1,1 [0,9-1,3] |
| dental filling (e.g. amalgam) | 114 | 1 [0,8-1,2] |
| woods | 113 | 1 [0,8-1,2] |
| metal jewellery | 106 | 0,9 [0,7-1,1] |
| solvents | 93 | 0,8 [0,6-1,0] |
| drugs, internal | 92 | 0,8 [0,6-1,0] |
| tools (metal, wood, plastic) | 87 | 0,7 [0,6-0,9] |
| wall paint, freshly painted rooms | 87 | 0,7 [0,6-0,9] |
| medical material (e.g., sutures, gel) | 66 | 0,6 [0,4-0,7] |
| house dusts | 62 | 0,5 [0,4-0,7] |
| fur | 42 | 0,4 [0,3-0,5] |
| laboratory chemicals | 41 | 0,3 [0,2-0,5] |
| metal implants | 32 | 0,3 [0,2-0,4] |
| jewellery, non-metal | 31 | 0,3 [0,2-0,4] |
| pesticides, herbicides, etc. | 19 | 0,2 [0,1-0,3] |
| fabric softener | 19 | 0,2 [0,1-0,3] |
| polishes (shoe, furniture, car, etc) | 17 | 0,1 [0,1-0,2] |
| fehlende oder fehlerhafte Angabe | 15 | 0,1 [0,1-0,2] |
| textile furniture, carpets (new) | 14 | 0,1 [0,1-0,2] |
| glasses, contact lens, hearing aid | 10 | 0,1 [0,0-0,2] |
| indoor scents | 8 | 0,1 [0,0-0,1] |
| musical instruments | 8 | 0,1 [0,0-0,1] |
| non-textile furniture (new) | 6 | 0,1 [0,0-0,1] |
| newly build housing | 2 | 0 [0,0-0,1] |
| toys | 2 | 0 [0,0-0,1] |
| weapons, pyrotechnic article | 2 | 0 [0,0-0,1] |
| tatto | 2 | 0 [0,0-0,1] |
| Tattoo, Permanent Make-up | 2 | 0 [0,0-0,1] |
| tear gas | 1 | 0 [0,0-0,0] |
| Tattoo, laser removal | 1 | 0 [0,0-0,0] |

# Hauptdiagnose

Hauptdiagnose, Lokalisation: Hand, N=11797.

| Bezeichnung | Anzahl | % Positiv [95%-KI] |
| --- | --- | --- |
| Allergic contact dermatitis | 11797 | 100 [100,0-100,0] |

# Bestehen zusätzliche Kofaktoren?

Kofaktoren, Lokalisation: Hand, N=11797.

| Angabe | Anzahl | % Positiv [95%-KI] |
| --- | --- | --- |
| Ja | 4980 | 42,2 [41,3-43,1] |
| Nein | 4418 | 37,5 [36,6-38,3] |
| Unbekannt | 2039 | 17,3 [16,6-18,0] |
| Angabe fehlt | 360 | 3,1 [2,7-3,4] |

# Zusätzlich bestehende Kofaktoren

Zusätzlich bestehende Kofaktoren, Lokalisation: Hand, N=4980.

| Bezeichnung | Anzahl | % Positiv [95%-KI] |
| --- | --- | --- |
| Occlusive environment (gloves, boots) | 1895 | 38,1 [36,7-39,4] |
| Wetness | 1490 | 29,9 [28,6-31,2] |
| Chem. Irritation (e.g. solvents) | 332 | 6,7 [6,0-7,4] |
| Mechanical stress | 293 | 5,9 [5,2-6,6] |
| Other, not classified | 259 | 5,2 [4,6-5,9] |
| Dusts | 187 | 3,8 [3,2-4,3] |
| fehlende oder fehlerhafte Angabe | 147 | 3 [2,5-3,5] |
| Heat | 146 | 2,9 [2,5-3,4] |
| Dryness | 106 | 2,1 [1,7-2,6] |
| Cold | 86 | 1,7 [1,4-2,1] |
| Radiation, light | 21 | 0,4 [0,3-0,6] |
| chronic venous insufficiency | 13 | 0,3 [0,1-0,4] |
| Air-condition | 3 | 0,1 [0,0-0,2] |
| Screen work | 2 | 0 [0,0-0,1] |

# Epikutantestung Standardreihe (Hand)

Epikutantestung Standardreihe, Lokalisation: Hand.

| Bezeichnung | Konz. | Anzahl | % Positiv [95%-KI] |
| --- | --- | --- | --- |
| Nickel (II)-sulfate hexahydrate | 5,0 | 2018 | 19,2 [18,5-20,0] |
| Fragrance mix | 8,0 | 1046 | 10,0 [9,4-10,6] |
| Cobalt (II)-chloride, 6\*H2O | 1,0 | 1050 | 9,9 [9,3-10,5] |
| Methyl isothiazolinone | 0,1 | 739 | 9,2 [8,6-9,8] |
| Balsam of Peru (Myroxylon pereirae) | 25,0 | 956 | 9,0 [8,4-9,5] |
| Thiuram mix | 1,0 | 933 | 8,8 [8,3-9,4] |
| Potassium dichromate | 0,5 | 882 | 8,3 [7,8-8,9] |
| Methylchloroisothiazolinone (MCI/MI) | 100,0 | 816 | 7,7 [7,2-8,2] |
| Methyldibromo glutaronitrile (dibromdicyanobutane) | 0,3 | 337 | 7,7 [6,9-8,5] |
| FRAGRANCE MIX II | 14,0 | 772 | 7,3 [6,8-7,9] |
| Colophony (Rosin) | 20,0 | 768 | 7,2 [6,7-7,7] |
| 2-Hydroxyethyl methacrylae (HEMA) | 1,0 | 273 | 6,4 [5,7-7,2] |
| 1,2-Benzisothiazolin-3-one, sodium salt | 0,1 | 257 | 6,3 [5,5-7,1] |
| Compositae mix | 6,0 | 41 | 5,1 [3,7-6,9] |
| p-Phenylene diamine (PPD) (CI 76060) | 0,3 | 63 | 5,0 [3,8-6,3] |
| Propolis | 10,0 | 503 | 4,8 [4,4-5,2] |
| Epoxy resin | 1,0 | 445 | 4,2 [3,8-4,6] |
| Methyldibromo glutaronitrile (dibromdicyanobutane) | 0,2 | 219 | 4,0 [3,5-4,5] |
| YLANG YLANG OIL | 10,0 | 274 | 3,6 [3,2-4,1] |
| Compositae Mix | 5,0 | 104 | 3,6 [3,0-4,4] |
| HICC (LYRAL (TM)) | 5,0 | 353 | 3,3 [3,0-3,7] |
| Compositae Mix II | 5,0 | 201 | 2,9 [2,6-3,4] |
| Lanolin (wool fat) alcohols | 30,0 | 313 | 2,9 [2,6-3,3] |
| Formaldehyde | 1,0 | 288 | 2,7 [2,4-3,0] |
| Zinc diethyldithiocarbamate (ZDEC) | 1,0 | 234 | 2,4 [2,1-2,8] |
| Mercaptobenzothiazole | 2,0 | 202 | 2,1 [1,8-2,4] |
| Iodopropynylbutyl carbamate (IPBC) | 0,2 | 179 | 2,0 [1,7-2,3] |
| JASMINE ABSOLUTE | 5,0 | 143 | 1,9 [1,6-2,3] |
| Oil of turpentine | 10,0 | 197 | 1,9 [1,6-2,2] |
| N-Isopropyl-N’-phenyl-p-phenylene diamine (IPPD) | 0,1 | 185 | 1,7 [1,5-2,0] |
| Mercaptobenzothiazole | 1,0 | 17 | 1,7 [1,0-2,7] |
| Disperse blue mix 124/106 | 1,0 | 12 | 1,7 [0,9-3,0] |
| Composite mix (NA251) | 5,0 | 1 | 1,7 [0,0-8,9] |
| Mercapto mix (CBS, MBTS, MOR) | 1,0 | 159 | 1,6 [1,4-1,9] |
| Mercapto mix (MBT,CBS,MBTS,MOR) | 2,0 | 8 | 1,6 [0,7-3,2] |
| BRONOPOL | 0,5 | 132 | 1,5 [1,3-1,8] |
| SANDALWOOD OIL | 10,0 | 125 | 1,5 [1,3-1,8] |
| Paraben mix | 16,0 | 127 | 1,3 [1,1-1,6] |
| Sorbitan sesquioleate (SSQ) | 20,0 | 68 | 1,1 [0,9-1,4] |
| JASMINE ABSOLUTE | 2,0 | 7 | 1,1 [0,4-2,2] |
| Cetostearyl alcohol | 20,0 | 101 | 1,0 [0,8-1,2] |
| Bufexamac | 5,0 | 51 | 1,0 [0,7-1,3] |
| YLANG YLANG OIL | 2,0 | 7 | 1,0 [0,4-2,1] |
| p-tert.-Butylphenol formaldehyde resin (PTBFR) | 1,0 | 49 | 0,9 [0,7-1,2] |
| Sodium lauryl sulfate (SLS) = SID 1894 | 0,3 | 71 | 0,7 [0,6-0,9] |