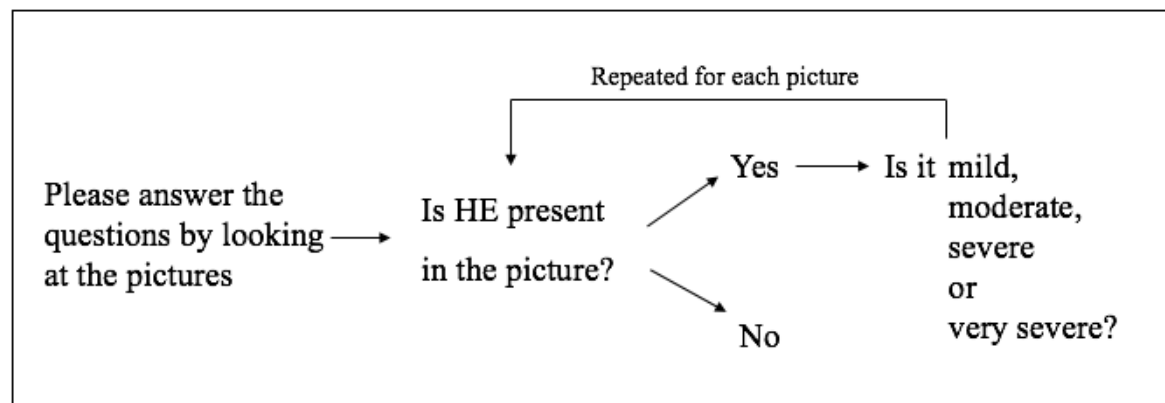


**Table SI.** Interview guide.



Note: abbreviations: HE: hand eczema

**Table SII.** Overview of the questionnaire.

| Topic               | Variable                                                                                                                                                                                                                                                                         | No. of items |
|---------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|
| Demographics        | 1. Sex<br>2. Age<br>3. Educational level<br>4. Country of birth                                                                                                                                                                                                                  | 4            |
| Prior history of HE | 5. HE life-time prevalence<br>6. Receiving treatment for HE before<br>7. Receiving information regarding HE from a physician before<br>8. Self-evaluated knowledge of HE from 0-10<br>9. HE in family or near social circle<br>10. Attended a work-related HE prevention program | 6            |
| Work experience     | 11. Years of work experience within profession<br>12. Type of employment (temporary or permanent)<br>13. Previous work in high-risk professions (kitchen worker, hairdresser or baker)                                                                                           | 3            |
| Atopy               | 14. Asthma<br>15. Allergies<br>16. Atopic dermatitis                                                                                                                                                                                                                             | 3            |

Abbreviations: HE: hand eczema

**Table SIII.** The level of HE recognition.

| Level of recognition | Auxiliary nurses, their locum tenens, nurses<br>n=138 (%) | Surgeons, physicians<br>n=63 (%) | P-value |
|----------------------|-----------------------------------------------------------|----------------------------------|---------|
| Low level            | 68 (49.3)                                                 | 30 (47.6)                        | .827    |
| High level           | 70 (50.7)                                                 | 33 (52.4)                        |         |

*Note:* High level of recognition: 4/4 pictures of HE recognized. Low level of recognition: 0/4-3/4 pictures of HE recognized. Statistical differences were estimated with the chi<sup>2</sup>-test or fisher's exact test. Significant *p*-values are shown in bold.

Abbreviations: HE: hand eczema

**Table SIV.** Atopy characteristics among the study population

| Variable                                                  | Cleaners<br>Total number = 80 (%) | Healthcare workers<br>Total number = 201 (%) | P-value         |
|-----------------------------------------------------------|-----------------------------------|----------------------------------------------|-----------------|
| Allergies:                                                |                                   |                                              |                 |
| No allergies                                              | 59 (73.8)                         | 102/200 (51.0)                               | <b>&lt;.001</b> |
| Urticaria                                                 | 5 (6.3)                           | 29/200 (14.5)                                | .056            |
| Allergic contact dermatitis<br>(delayed hypersensitivity) | 3 (3.8)                           | 25/200 (12.5)                                | <b>.027</b>     |
| Pollen allergy                                            | 11 (13.8)                         | 54/200 (27.0)                                | <b>.018</b>     |
| Food allergy                                              | 5 (6.3)                           | 24/200 (12.0)                                | .154            |
| Don't know                                                | 2 (2.5)                           | 8/200 (4.0)                                  | .541            |
| Have you ever had atopic eczema?                          |                                   |                                              |                 |
| Yes                                                       | 10 (12.5)                         | 25/199 (12.6)                                | .745            |
| No                                                        | 66 (82.5)                         | 159/199 (79.9)                               |                 |
| Don't know                                                | 4 (5.0)                           | 15/199 (7.5)                                 |                 |
| Have you ever had asthma?                                 |                                   |                                              |                 |
| Yes                                                       | 8 (10.0)                          | 36/200 (18.0)                                | .159            |
| No                                                        | 72 (90.0)                         | 162/200 (81.0)                               |                 |
| Don't know                                                | 0 (0.0)                           | 2/200 (1.0)                                  |                 |

*Note:* Statistical differences were estimated with the chi<sup>2</sup>-test or fisher's exact test. Significant *p*-values are shown in bold.

**Table SV.** Participation rates

|                    | Cleaning companies | Nursing homes | Hospitals | Total |
|--------------------|--------------------|---------------|-----------|-------|
| Sector type        | Private            | Public        | Public    | -     |
| Invited            | n=97               | n=171         | n=77      | n=345 |
| Accepted           | n=80               | n=138         | n=63      | n=281 |
| Participation rate | 82.5%              | 80.7%         | 81.8%     | 81.4% |