| Step 1 | English to Spanish translation (Forward translation) |
|--------|--|
| Step 2 | Questionnaire review by expert panel |
| Step 3 | Backward translation to English of the Spanish version by a native speaker |
| Step 4 | Pre-testing and cognitive interviewing in collaboration with the Spanish Food and Latex Allergy Patients Association (AEPNAA) |
| Step 5 | Final version of the questionnaire |

Supplementary Table 1. WHO recommendations for Forward-Backward translation

Supplementary Table 2. HRQL concepts (modified from Antolín-Amerigo D et al [15])

| Extent to which the questionnaire is repeatable and consistently produces the same |
|---|
| results. |
| How well the items of a questionnaire relate to each other and to the total |
| questionnaire. It is most commonly evaluated by Cronbach's alpha. An alpha≥0.70 |
| indicates good internal consistency. |
| Reproducibility of the questionnaire over time. The questionnaire is completed on two |
| occasions by the same patients in whom no change in the condition has taken place. It |
| is most commonly evaluated by the intraclass correlation coefficient (ICC). An ICC≥0.70 |
| indicates good test–retest reliability. |
| Degree to which the questionnaire measures what it is intended to measure. |
| Internal structure of the questionnaires and is usually evaluated by factor analysis, |
| inter-item correlations and floor and ceiling effects. |
| Assessed by calculating the correlation between the questionnaire and measures of |
| similar or dissimilar constructs. Type of External Validity. |
| Ascertained by calculating the correlation between the questionnaire and an |
| independent measure, which reflects the severity of the disease in question. Type of |
| External Validity. |
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| Group (years) El score FA score SDL score HRQL score 0 - 3 0.440 ^(*) 0.126 0.571 ^(*) 0.365 4 - 6 0.581 ^(*) 0.773 ^(*) 0.444 ^(*) 0.687 ^(*) 7 - 12 0.666 ^(*) 0.547 ^(*) 0.510 0.644 ^(*) | $0-3$ $0.440^{(*)}$ 0.126 $0.571^{(*)}$ 0.365 $4-6$ $0.581^{(*)}$ $0.773^{(*)}$ $0.444^{(*)}$ $0.687^{(*)}$ $7-12$ $0.666^{(*)}$ $0.547^{(*)}$ 0.510 $0.644^{(*)}$ | $0-3$ $0.440^{(*)}$ 0.126 $0.571^{(*)}$ 0.365 $4-6$ $0.581^{(*)}$ $0.773^{(*)}$ $0.444^{(*)}$ $0.687^{(*)}$ $7-12$ $0.666^{(*)}$ $0.547^{(*)}$ 0.510 $0.644^{(*)}$ | $0-3$ $0.440^{(*)}$ 0.126 $0.571^{(*)}$ 0.365 $4-6$ $0.581^{(*)}$ $0.773^{(*)}$ $0.444^{(*)}$ $0.687^{(*)}$ $7-12$ $0.666^{(*)}$ $0.547^{(*)}$ 0.510 $0.644^{(*)}$ | $0-3$ $0.440^{(*)}$ 0.126 $0.571^{(*)}$ 0.365 $4-6$ $0.581^{(*)}$ $0.773^{(*)}$ $0.444^{(*)}$ $0.687^{(*)}$ $7-12$ $0.666^{(*)}$ $0.547^{(*)}$ 0.510 $0.644^{(*)}$ | $0-3$ $0.440^{(*)}$ 0.126 $0.571^{(*)}$ 0.365 $4-6$ $0.581^{(*)}$ $0.773^{(*)}$ $0.444^{(*)}$ $0.687^{(*)}$ $7-12$ $0.666^{(*)}$ $0.547^{(*)}$ 0.510 $0.644^{(*)}$ | $0-3$ $0.440^{(*)}$ 0.126 $0.571^{(*)}$ 0.365 $4-6$ $0.581^{(*)}$ $0.773^{(*)}$ $0.444^{(*)}$ $0.687^{(*)}$ $7-12$ $0.666^{(*)}$ $0.547^{(*)}$ 0.510 $0.644^{(*)}$ | - | | | | | |
|--|--|--|--|--|--|--|---|--------------------------------|----------------------|----------------------|----------------------|----------------------|
| $4-6$ $0.581^{(*)}$ $0.773^{(*)}$ $0.444^{(*)}$ $0.687^{(*)}$ $7-12$ $0.666^{(*)}$ $0.547^{(*)}$ 0.510 $0.644^{(*)}$ | $4-6$ $0.581^{(*)}$ $0.773^{(*)}$ $0.444^{(*)}$ $0.687^{(*)}$ $7-12$ $0.666^{(*)}$ $0.547^{(*)}$ 0.510 $0.644^{(*)}$ | $4-6$ $0.581^{(*)}$ $0.773^{(*)}$ $0.444^{(*)}$ $0.687^{(*)}$ $7-12$ $0.666^{(*)}$ $0.547^{(*)}$ 0.510 $0.644^{(*)}$ | $4-6$ $0.581^{(*)}$ $0.773^{(*)}$ $0.444^{(*)}$ $0.687^{(*)}$ $7-12$ $0.666^{(*)}$ $0.547^{(*)}$ 0.510 $0.644^{(*)}$ | $4-6$ $0.581^{(*)}$ $0.773^{(*)}$ $0.444^{(*)}$ $0.687^{(*)}$ $7-12$ $0.666^{(*)}$ $0.547^{(*)}$ 0.510 $0.644^{(*)}$ | $4-6$ $0.581^{(*)}$ $0.773^{(*)}$ $0.444^{(*)}$ $0.687^{(*)}$ $7-12$ $0.666^{(*)}$ $0.547^{(*)}$ 0.510 $0.644^{(*)}$ | $4-6$ $0.581^{(*)}$ $0.773^{(*)}$ $0.444^{(*)}$ $0.687^{(*)}$ $7-12$ $0.666^{(*)}$ $0.547^{(*)}$ 0.510 $0.644^{(*)}$ | _ | Group (years) | El score | FA score | SDL score | HRQL score |
| 7 – 12 0.666 ^(*) 0.547 ^(*) 0.510 0.644 ^(*) | 7 – 12 0.666 ^(*) 0.547 ^(*) 0.510 0.644 ^(*) | 7 − 12 0.666 ^(*) 0.547 ^(*) 0.510 0.644 ^(*) | 7 – 12 0.666 ^(*) 0.547 ^(*) 0.510 0.644 ^(*) | 7 – 12 0.666 ^(*) 0.547 ^(*) 0.510 0.644 ^(*) | 7 - 12 0.666 ^(*) 0.547 ^(*) 0.510 0.644 ^(*) | 7 – 12 0.666 ^(*) 0.547 ^(*) 0.510 0.644 ^(*) | = | 0 – 3 | 0.440 ^(*) | 0.126 | 0.571 ^(*) | 0.365 |
| | | | | | | | | 4 – 6 | 0.581 ^(*) | 0.773 ^(*) | 0.444 ^(*) | 0.687 ^(*) |
| (*)P - value< 0.05 | (*)P – value< 0.05 | ^{re} P – value< 0.05 | ("P-value< 0.05 | "P-value< 0.05 | ^{(*} P-value< 0.05 | "P-value< 0.05 | | 7 – 12 | 0.666 ^(*) | 0.547 ^(*) | 0.510 | 0.644 ^(*) |
| | | | | | | | (| ^(*) P – value< 0.05 | | | | |
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Supplementary Table 3. Spearman correlations between S-FAQLQ-PF and FAIM scale