

Case Study:

Training of Scoring of Qualitative Skin Parameters

This case study contains information on the training given by lead Dermatologist i.e. Dr. Trusha Gajjar on numerous qualitative parameters for Skin Assessments used for Cosmetics, Dermatology, Consumer Research Studies inclusive to theoretical and practical independent evaluation training.

The lead dermatologist conducted a training session wherein basics of skin was briefed in with the trainee i.e. Consumer Research Operations Team (study staff), QA team and Cliantha's Training team. Thereafter, the different parameters [i.e. skin erythema (redness), skin dryness, skin smoothness, skin shininess/evenness/glow and hyperpigmentation (dark spots)] were discussed through a PowerPoint presentation and various photographs. A systematic explanation was provided and instructions on an accurate assessment of the skin were conferred further. Subsequently, upon completion of the presentation, the trainees were given the opportunity to discuss their queries with the lead Dermatologist.

The dermatologist and trainees (five) assessed the facial skin of fifty (50) volunteers' i.e. in-house self-volunteered staff members for the individual parameters using the respective industry's accepted scoring scales and recorded their scores on a provided score sheets. A few volunteers' discussion and comparison were done during the evaluation in a group setting with the Dermatologist. During this, the Dermatologist explained any notable traits of skin quality related to skin texture, smoothness, dryness, redness, etc. Subsequently, independent scoring was performed by each trainee and trainer. The industry standard scales were used by dermatologists and trainees to assess the quality of the skin by scoring individual parameters of skin separately.

Score sheets were submitted to Cliantha Biostats for tabulation and statistical analysis. Analysis of the numeric scores was done by percent agreement statistics comparing each scorer to the lead dermatologist's scores. From the analysis of inter-variability between Dermatologists and Trainees, a minimum score percentage agreement of 80 was observed in the scoring of all the trainees for various skin parameters i.e. skin erythema (redness), dryness, smoothness, shininess/evenness/glow and hyperpigmentation (dark spots).

From this extensive training session conducted by lead Dermatologist, we have established 04 Independent dermatologists trained and validated Skin Scorers for scoring of Skin Erythema (redness), Skin Dryness, Skin Smoothness, Skin Shininess/Evenness/Glow and Hyperpigmentation (dark spots).

For more information contact

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