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Epidemiologic study on fragile skin in 12 countries: Germany, France, Spain, Sweden, Japan, USA, Russia, Mexico, United Arab Emirates, Taiwan, Hong-Kong and Brazil: Focus on young population 18-34 years oldMarkéta Saint Aroman¹, Thibault Aardewijn¹ and Claire Castagne²¹A-DERMA, France²Pierre Fabre Laboratories, France

Introduction & Aim: The world population is very diverse, containing many types of skins. Lifestyles and stressful environment influence the status of different skin categories and can cause fragility of epidermis but also its perception. This epidemiologic study was set up to assess the prevalence of perceived fragile skin across different skin types in a general adult population in 12 countries (Germany, France, Spain, Sweden, Japan, USA, Russia, Mexico, United Arab Emirates, Taiwan, Hong-Kong and Brazil).

Method: A cross-sectional subject survey was conducted in 12 countries on a representative total sample of 9141 adult individuals. This questionnaire, based on quota method on gender, age and geographical regions, was self-administered and performed online or by phone. Descriptive statistics were performed on a single age category: 18-34 years old, the only one common to all studies.

Result: Across the world, the perception of fragile skin is very diverse, ranging from 26, 2% in Sweden to 71, 7% in Hong-Kong for this age category. A trend is emerging from this study: Perception of fragile skin is not only correlated with the environment, climate or age as we could think, it is also correlated to the culture. Indeed, fragile skin perception in Asia is much more important than in Northern Europe (56%, 63.3% and 71.7% for Asia versus 26.2% and 27% for Northern Europe).

Conclusion: Fragile skin perception across the world in the 18-34 years old category is variable, ranging from 71.7% in Hong-Kong to 27% in Germany. These results show that fragile skin is not only correlated with the environment, climate or age but also with the culture. They confirm that the interest of young Asians in skin care and respect is higher than that of Europeans.

Biography

Markéta Saint Aroman is a Member of European Academy of Dermatology and Venereology (EADV), American Academy of Dermatology (AAD) and ISPD (International Society of Pediatric Dermatology). She has published more than 20 articles and posters on international level.

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