

Please check your submission one more time.

Then scroll all the way down to the bottom of this page to submit your abstract.

After you review your submission, scroll all the way down to the bottom of this page to submit your abstract. Please note that if any areas are incomplete, you will be prompted to go back and complete before submitting your abstract. To make updates, select any step from the tool bar menu and edit accordingly. Be sure to save your changed before moving on. If you make edits to this submission, you must complete this Session Confirmation step each time so it can be saved in the system. **Failure to complete this step may result in your submission being marked incomplete and withdrawn after the submission deadline.**

Inequalities in the Impact of Dermatological Diseases across the Globe: Impact Results from the Gridd Study

da Silva Burger N¹, Pattinson R², Trialonis-Suthakharan N¹, Austin J³, **FitzGerald A**³, Bundy C², Augustin M¹

¹University Medical Center Hamburg-Eppendorf (UKE), Hamburg, Germany, ²Cardiff University, Cardiff, UK, ³International Alliance of Dermatology Patient Organizations, Ottawa, ON, Canada

OBJECTIVES:

To compare the impact of dermatological diseases across socio-demographic groups (biologic sexes, age-groups, WHO regions of living, country income levels, ethnicities, and skin types), using the newly developed Patient-Reported Impact of Dermatological Diseases (PRIDD) measure.

METHODS:

Global Research on the Impact of Dermatological Diseases (GRIDD) is a patient-initiated project that collected global data on the patients' perspectives of disease burden in multiple skin conditions. An online survey was conducted between June 2023 and January 2024 in 17 different languages. Adults (≥ 18 years) with a self-reported dermatological condition were recruited through the International Alliance of Dermatology Patient Organizations' network and social media. Participants completed the PRIDD questionnaire (16 items assessing physical, life responsibilities, psychological and social impact; total score from 0= no impact to 63= very severe impact) and a socio-demographic questionnaire. Data were analyzed descriptively and group comparisons were conducted with analysis of variance with post-hoc pairwise comparisons with Bonferroni correction.

RESULTS:

After excluding 327 participants who did not meet the inclusion criteria, the sample was composed of 3811 patients (76.6% female, mean age 48.49 ± 15.74 , range 18-98), from 90 different countries and representing 114 dermatological conditions (12.6% Lichen sclerosus, 12.4% Psoriasis, 8.2% Hidradenitis suppurativa, 7.5% Vitiligo, 6.9% Eczema, 48.2% other diagnoses). Higher impact of dermatological diseases was reported by female patients, by participants younger than 65 years, by inhabitants of the Eastern Mediterranean and African regions, by residents in low income countries, by participants with Oceania, Black, Latino or mixed ethnic origins, and by participants with darker skin types (Fitzpatrick skin types V and VI) but also for those with very sensitive skin type I.

CONCLUSIONS:

These results allowed for the identification of socio-demographic groups at greater risk of suffering high disease burden, paving the way for identifying patient needs, developing health policies, and determining resource-allocation and research priorities on a global scale.

Abstract ID#:

141493

Submitter's E-mail Address:

n.bernardinodasilvaburger@uke.de

Program Selection:

Research

Preferred Presentation Format:

Either poster or podium

Research Study Approach:

Research

Main Topic/Taxonomy:

Patient-Centered Research

Subtopics:

Patient-Centered Research: Patient Engagement

Patient-Centered Research: Patient-reported Outcomes & Quality of Life Outcomes

Primary Specific Diseases & Cond./Specialized Treatment Areas:

SDC: Sensory System Disorders (Ear, Eye, Dental, Skin)

Additional Diseases & Conditions/Specialized Treatment Areas:

No Additional Disease & Conditions/Specialized Treatment Areas

First author

Neuza da Silva Burger, PhD

Institute for Health Services Research in Dermatology and Nursing (IVDP)

University Medical Center Hamburg-Eppendorf (UKE)

Hamburg, 20251

Germany

Email Address: n.bernardinodasilvaburger@uke.de

* Membership Number 3251806

Second author

Rachael Pattinson, PhD

Cardiff University

Cardiff United Kingdom

Email Address: pattinsonr@cardiff.ac.uk

* Membership Number 3186572

Third author

Nirohshah Trialonis-Suthakharan, MSc

Institute for Health Services Research in Dermatology and Nursing (IVDP)

University Medical Center Hamburg-Eppendorf (UKE)

Hamburg, 20251

Germany

Email Address: n.suthakharan@uke.de

* Membership Number 3205855

Fourth author

Jennifer Austin, BSc

International Alliance of Dermatology Patient Organizations

Ottawa, ON Canada

Email Address: jennifer.austin@globalskin.org

Fifth author

Presenting Author

Allison FitzGerald, BA, BSc, PMP

International Alliance of Dermatology Patient Organizations

Ottawa, ON Canada

Email Address: Allison.fitzgerald@globalskin.org

Sixth author

Chris Bundy, PhD

Cardiff University

Cardiff United Kingdom

Email Address: bundyec@cardiff.ac.uk

Seventh author

Matthias Augustin, Prof., MD, PhD

Institute for Health Services Research in Dermatology and Nursing (IVDP)

University Medical Center Hamburg-Eppendorf (UKE)

Hamburg, 20251

Germany

Email Address: m.augustin@uke.de

Submitter

Neuza da Silva Burger, PhD

Institute for Health Services Research in Dermatology and Nursing (IVDP)

University Medical Center Hamburg-Eppendorf (UKE)

Hamburg, 20251

Germany

Email Address: n.bernardinodasilvaburger@uke.de

* Membership Number 3251806

FINAL STEPS

Enter your name (or the name of the lead author) in the certification statement below. - (Required)

I, , affirm that this abstract conforms to all the abstract policies and procedures as stated in the Call for Abstracts. I certify that the authors named are familiar with the presented material, agree with the results as stated (original research), and have specifically consented to be included as authors. I certify, represent, and warrant that I have the right to publish this abstract as submitted and agree to indemnify ISPOR from any claims arising from this material, and assign copyright of this abstract to ISPOR. **(This abstract will not be accepted if this step is not complete.)**

Click to print this page now.

CONCLUDE SUBMISSION