**Psoriasis and psoriatic arthritis have a major impact on quality of life and depressive symptoms – a cross-sectional study of 300 patients**

Frede, Natalie1, Hiestand, Sonja1, Schauer, Franziska2, Endres, Dominique3, Tebartz van Elst, Ludger3, Zeisbrich, Markus1, Craig-Mueller, Nils1, Finzel, Stephanie1, Thiel, Jens1,4, Voll, Reinhard E.1, Schempp, Christoph2, Venhoff, Nils1

1 Department of Rheumatology and Clinical Immunology, Medical Center - University of Freiburg, Faculty of Medicine, University of Freiburg, Freiburg, Germany

2 Department of Dermatology, Medical Center - University of Freiburg, Faculty of Medicine, University of Freiburg, Freiburg, Germany

3 Department of Psychiatry and Psychotherapy, Medical Center - University of Freiburg, Faculty of Medicine, University of Freiburg, Freiburg, Germany

4 Division of Rheumatology and Clinical Immunology, Medical University Graz, Graz, Austria

**\* Correspondence:**

Dr. Natalie Frede

Medical Center – University of Freiburg, Germany

Department of Rheumatology and Clinical Immunology

Hugstetter Straße 55 · 79106 Freiburg

Phone: +49 761 270-35440

Fax: +49 761 270-35310

Email: [natalie.frede@uniklinik-freiburg.de](mailto:nils.venhoff@uniklinik-freiburg.de)

***Supplemental Table 1:*** ***Binomial logistic regression analysis of factors associated with relevant functional impairment (FFbH <60%).***

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | **Predictors** | **OR** | **95% CI** | ***B*** | **p** |
| **PsA** | FFbH | 25.13 | 1.04 – 605.62 | 3.22 | 0.047 |
| Combination therapy csDMARD+ b/tsDMARD | 5.06 | 1.11 – 22.97 | 1.62 | 0.036 |
| Tiredness | 9.83 | 4.01 – 24.10 | 2.29 | <0.001 |
| 𝝌2 (8) = 78.73, p <0.001 |  |  |  |  |
| **Pso** | Acceptance of bodily appearance | 4.86 | 1.71 – 13.80 | 1.58 | 0.003 |
|  | N° of joint regions with complaints | 1.55 | 1.22 – 1.99 | 0.44 | <0.001 |
|  | 𝝌2 (7) = 37.32, p <0.001 |  |  |  |  |

Multivariable logistic regression adjusted for sex, disease duration, smoking status, BMI.

Abbreviations: bDMARD: biological disease modifying antirheumatic drug, BMI: body mass index, CI: confidence interval, csDMARD: conventional synthetic disease modifying antirheumatic drug, FFbH: Functional Questionnaire Hannover, OR: Odds ratio, PsA: psoriatic arthritis, tsDMARD: targeted synthetic disease modifying antirheumatic drug.