

ESM 2. Frequency of nail disorders in dependence of age, gender, BMI and diagnosis of DM

	Onychomycosis	Unguis convolutus	Onychausis	Unguis incarnatus	Onycholysis
Male, n (%)	277 (38.31%)	268 (37.07%)	224 (30.98%)	131 (18.12%)	84 (11.62%)
[95%- CI]	[34.75 - 41.97]	[33.54 - 40.70]	[27.63 - 34.49]	[15.38 - 21.12]	[09.37 - 14.18]
Female, n (%)	203 (22.66%)	423 (47.21%)	260 (29.02%)	217 (24.22%)	141 (15.74%)
[95%-CI]	[19.95 - 25.54]	[43.90 - 50.54]	[26.06 - 32.11]	[21.45 - 27.16]	[13.41 - 18.29]
p-value	<0.0001	<0.0001	0.4128	0.0035	0.0172
Diabetes mellitus, n (%)	324 (32.83%)	442 (44.78%)	313 (31.71%)	191 (19.35%)	130 (13.17%)
[95%- CI]	[29.90 - 35.85]	[41.65 - 47.95]	[28.82 - 34.72]	[16.93 - 2.96]	[11.12 - 15.44]
Non Diabetes mel., n (%)	156 (24.68%)	249 (39.40%)	171 (27.06%)	157 (24.84%)	95 (15.03%)
[95%- CI]	[21.37 - 28.24]	[35.57 - 43.33]	[23.63 - 30.70]	[21.52 - 28.40]	[12.33 - 18.06]
p-values	0.0004	0.0347	0.0514	0.0092	0.3030
Age, Mean ± SD	70.89 ± 11.76	69.25 ± 12.69	70.86 ± 11.36	67.26 ± 13.99 [68]	68.25 ± 13.24
[Median]	[72.50]	[71.00]	[72.00]		[69.00]
p-value	<0.0001	0.0553	<0.0001	0.0743	0.7858
Age < 60y, n (%)	73.00 (19.95%)	149 (40.71%)	76 (20.77%)	98 (26.78%)	55 (15.03%)
[95%- CI]	[15.97 - 24.41]	[35.63 - 45.94]	[16.72 - 25.29]	[22.31 - 31.63]	[11.53 - 19.11]
Age > 75y, n (%)	196 (35.70%)	247(44.99%)	187 (34.06%)	117 (21.31%)	78 (14.21%)
[95%- CI]	[31.69 - 39.87]	[40.78 - 49.26]	[30.10 - 38.19]	[17.96 - 24.98]	[11.40 - 17.41]
BMI, mean ± SD	28.54 ± 6.49 [27.76]	29.42 ± 7.03 [28.40]	29.44 ± 6.76	29.15 ± 13.54	28.00 ± 6.85 [27.29]
[Median]			[28.40]	[27.76]	
p- value	0.8086	<0.0001	0.0014	0.6130	0.0646
BMI < 25, n (%)	129 (27.16%)	188 (39.58%)	118 (24.84%)	104 (21.89%)	79 (16.63%)
[95%- CI]	[23.21 - 31.40]	[35.15 - 44.14]	[21.02 - 28.98]	[18.26 - 25.89]	[13.39 - 20.29]
BMI > 30 N (%)	157 (28.91%)	274 (50.46%)	179 (32.97%)	127 (23.39%)	66 (12.15%)
[95%-CI]	[25.13 - 32.93]	[46.17 - 54.75]	[29.02 - 37.10]	[19.89 - 27.18]	[09.53 - 15.20]

Notes. Provided are the total numbers (n), the rates (%), the confidence intervals (CI), p-values of Fischer's exact tests or Kruskal-Wallis tests, respectively.

Bold numbers indicate p-value <0.05.