

**ESM 3.** Frequency and associations of patient characteristics and comorbidities with nail disorders

	Onychomycosis n = 480 (29.65 %)	Unguis convolutus n = 691 (42.68%)	Onychauxis n = 484 (29.89%)	Unguis incarnatus n = 348 (21.49%)	Onycholysis n= 225 (13.90%)
Age “>75 years”, n (%)	196 (35.70%)	247 (44.99%)	187 (34.06%)	117 (21.31%)	78 (14.21%)
OR adjusted	1.382	1.074	1.233	1.012	0.867
[95%- CI]	<b>[1.094 - 1.746]</b>	[0.862 - 1.338]	[0.978 - 1.553]	[0.778 - 1.316]	[0.635 - 1.183]
Gender “male”, n (%)	277 (38.31%)	268 (37.07%)	224 (30.98%)	131 (18.12%)	84 (11.62%)
OR adjusted	2.013	0.600	1.038	0.751	0.680
[95%- CI]	<b>[1.608 - 2.520]</b>	<b>[0.486 - 0.740]</b>	[0.832 - 1.296]	<b>[0.584 - 0.965]</b>	<b>[0.503 - 0.919]</b>
Obesity “BMI ≥ 30”, n (%)	157 (28.91%)	274 (50.46%)	179 (32.97%)	127 (23.39%)	66 (12.15%)
OR adjusted	0.867	1.545	1.186	1.253	0.737
[95%- CI]	[0.678 - 1.111]	<b>[1.234 - 1.936]</b>	[0.933 - 1.507]	[0.958 - 1.639]	[0.529 - 1.028]
Diabetes mellitus, n (%)	324 (32.83%)	442 (44.78%)	313 (31.71%)	191 (19.35%)	130 (13.17%)
OR adjusted	1.191	1.126	0.998	0.772	0.728
[95%- CI]	[0.898 - 1.578]	[0.871 - 1.456]	[0.757 - 1.315]	[0.571 - 1.044]	[0.505 - 1.050]
Polyneuropathy, n (%)	263 (32.96%)	360 (45.11%)	263 (32.96%)	153 (19.17%)	121 (15.16%)
OR adjusted	1.005	1.036	1.147	0.853	1.401
[95%- CI]	[0.771 - 1.311]	[0.810 - 1.324]	[0.882 - 1.491]	[0.635 - 1.146]	[0.979 - 2.006]
PAD, n (%)	175 (36.16%)	233 (48.14%)	172 (35.54%)	97 (20.04%)	84 (17.36%)
OR adjusted	1.229	1.244	1.235	0.914	1.331
[95%- CI]	[0.958 - 1.577 ]	[0.982 - 1.575]	[0.965 - 1.581]	[0.685 - 1.220]	[0.961 - 1.843]
Lymph edema, n (%)	110 (31.79%)	158 (45.66%)	113 (32.66%)	87 (25.14%)	55 (15.90%)
OR adjusted	1.084	0.899	1.005	1.266	1.124
[95%- CI]	[0.824 - 1.427]	[0.697 - 1.160]	[0.768 - 1.315]	[0.944 - 1.698]	[0.792 - 1.594]
Heart insufficiency, n (%)	176 (36.44%)	244 (50.52%)	176 (36.44%)	110 (22.77%)	89 (18.43%)
OR adjusted	1.319	1.435	1.326	1.171	1.610
[95%- CI]	<b>[1.029 - 1.690]</b>	<b>[1.136 - 1.813]</b>	<b>[1.039 - 1.693]</b>	[0.885 - 1.549]	<b>[1.168 - 2.218]</b>

*Notes.* Provided are the total numbers (n), rates (%), odd ratios (OR) adjusted for the listed of patient characteristics and comorbidities and the confidence intervals (CI). Bold numbers indicate p-value <0.05.