

Table SI. *Notalgia paraesthetica* (NP): clinical, histological and radiological findings in 65 patients

	Total cohort (n=65)	Germany (n=42)	Brazil (n=23)
Gender, n (%)			
Male	16 (24.6)	9 (21.4)	7 (30.4)
Female	49 (75.4)	33 (78.6)	16 (69.6)
Age, years, mean ± SD (range) [median]	56.2 ± 12.7 (25–80) [57.0]	60.7 ± 10.5 (25–80) [61.5]	47.9 ± 12.5 (25–68) [50.0]
Age of onset, years, mean ± SD (range) [median]	49.5 ± 14.4 (2–77) [50.0]	52.5 ± 14.1 (2–77) [53.5]	43.2 ± 13.2 (21–66) [45.0]
Missing, n (%)	3 (4.6)	0 (0.0)	3 (13.0)
NP duration, years, mean ± SD (range) [median]	7.0 ± 7.7 (0.5–40.0) [4.5]	8.2 ± 8.5 (0.5–40.0) [5.5]	4.5 ± 5.1 (1.0–25.0) [3.0]
Missing, n (%)	3 (4.6)	0 (0.0)	3 (13.0)
NP localization: back divided into quadrants, n (%)			
Upper left	37 (56.9)	27 (64.3)	10 (43.5)
Upper right	37 (56.9)	30 (71.4)	7 (30.4)
Lower right	7 (10.8)	3 (7.1)	4 (17.4)
Lower left	11 (16.9)	3 (7.1)	8 (34.8)
Missing	2 (3.1)	1 (2.4)	1 (4.3)
Pruritus quality, n (%)			
Pure pruritus	6 (9.2)	6 (14.3)	n.a.
Mixed pruritus:	34 (52.3)	34 (81.0)	n.a.
Burning	19 (29.2)	19 (45.2)	n.a.
Tingling	15 (23.1)	15 (35.7)	n.a.
Prickling	12 (18.5)	12 (28.6)	n.a.
Pain	10 (15.4)	10 (23.8)	n.a.
Attacks	9 (13.8)	9 (21.4)	n.a.
Biting	8 (12.3)	8 (19.0)	n.a.
Crawling	7 (10.8)	7 (16.7)	n.a.
Pinpricks	6 (9.2)	6 (14.3)	n.a.
Warmth	2 (3.1)	2 (4.8)	n.a.
Gnawing	1 (1.5)	1 (2.4)	n.a.
Cold	1 (1.5)	1 (2.4)	n.a.
Missing	25 (38.5)	2 (4.8)	23 (100)
Pruritus intensity: VAS, years, mean ± SD (range) [median]	6.8 ± 2.0 (2.5–10.0) [7.0]	6.8 ± 2.0 (2.5–10.0) [7.0]	n.a.
Missing, n (%)	28 (43.1)	5 (11.9)	23 (100)
Skin investigation, n (%)			
No findings	4 (6.2)	4 (9.5)	0 (0.0)
Hyperpigmentation	53 (81.5)	30 (71.4)	23 (100)
Scratch lesions	42 (64.6)	30 (71.4)	12 (52.2)
Missing	0 (0.0)	0 (0.0)	0 (0.0)
Skin investigation: scratch lesions, n (%)			
No scratch lesions	23 (35.4)	12 (28.6)	11 (47.8)
Acute scratch lesions	9 (13.8)	7 (16.7)	2 (8.7)
Papules/nodules	6 (9.2)	5 (11.9)	1 (4.3)
Lichenification	22 (33.8)	12 (28.6)	10 (43.5)
Scars	15 (23.1)	15 (35.7)	0 (0.0)
Missing	0 (0.0)	0 (0.0)	0 (0.0)
Skin biopsy: histology, n (%)			
Epidermal single-cell necrosis	24 (36.9)	24 (57.2)	n.a.
Hyperpigmentation – epidermis	26 (40.0)	26 (61.9)	n.a.
Dermis amyloid	28 (43.0)	28 (66.7)	n.a.
Deposits	4 (6.1)	4 (9.5)	n.a.
Inflammatory infiltrate	31 (47.7)	31 (73.8)	n.a.
Missing	31 (47.7)	8 (19.0)	23 (100)
Skin biopsy: immunohistology (intraepidermal nerve fibers/mm)			
Lesional, years, mean ± SD (range) [median]	7.15 ± 4.3 (1.0–13.77) [6.95]	7.15 ± 4.3 (1.0–13.77) [6.95]	n.a.
Non-lesional, years, mean ± SD (range) [median]	10.34 ± 5.7 (1.6–25.81) [9.67]	10.34 ± 5.7 (1.6–25.81) [9.67]	n.a.
Missing, n (%)	44 (67.7)	21 (50.0)	23 (100)
Radiological findings, n (%)			
Normal	13 (20.0)	5 (11.9)	8 (34.8)
Stenosis	21 (32.3)	17 (40.5)	4 (17.4)
Degeneration	31 (47.7)	17 (40.5)	14 (60.9)
Missing	14 (21.5)	14 (33.3)	0 (0.0)
Radiological localization: part of the spine with lesion, n (%)			
Upper	9 (13.8)	n.a.	9 (39.1)
Lower	11 (16.9)	n.a.	11 (47.8)
Missing	42 (64.6)	42 (100.0)	0 (0.0)

VAS: visual analogue scale; SD: standard deviation; n.a.: not available.