

## **Clinical Characteristics of Peripheral Neuropathy in Kenyan Patients with HIV Infection Compared with Patients with Concurrent HIV Infection and Diabetes Mellitus**

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Neuropathy Disability Score and Monofilament Test results

Neuropathy Disability		Total		HIV Only		HIV and DM		p value
Right Vibration Perception Threshold	Normal	135	99.3%	68	100.0%	67	98.5%	1
	Abnormal	1	0.7%	0	0.0%	1	1.5%	
Right Temperature Perception	Normal	129	96.3%	68	100.0%	61	92.4%	0.027
	Abnormal	5	3.7%	0	0.0%	5	7.6%	
Right Pin-Prick	Normal	128	94.1%	65	95.6%	63	92.6%	0.718
	Abnormal	8	5.9%	3	4.4%	5	7.4%	
Right Achilles Reflex	Present	101	74.8%	56	82.4%	45	67.2%	0.006
	Present with reinforcement	13	9.6%	8	11.8%	5	7.5%	
	Absent	21	15.6%	4	5.9%	17	25.4%	
Left Vibration Perception Threshold	Normal	133	97.8%	68	100.0%	65	95.6%	0.244
	Abnormal	3	2.2%	0	0.0%	3	4.4%	
Left Temperature Perception	Normal	129	95.6%	68	100.0%	61	91.0%	0.013
	Abnormal	6	4.4%	0	0.0%	6	9.0%	
Left Pin-Prick	Normal	126	92.6%	66	97.1%	60	88.2%	0.096
	Abnormal	10	7.4%	2	2.9%	8	11.8%	
Left Achilles Reflex	Present	94	69.6%	52	76.5%	42	62.7%	0.047
	Present with reinforcement	16	11.9%	9	13.2%	7	10.4%	
	Absent	25	18.5%	7	10.3%	18	26.9%	
Neuropathy Disability Score	mean (SD)	1.13	1.86	0.65	1.27	1.62	2.21	0.008
	No Disability	93	68.4%	52	76.5%	41	60.3%	0.032
	Disability	43	31.6%	16	23.5%	27	39.7%	
Right Foot Monofilament Testing Score	Normal	130	95.6%	65	95.6%	65	95.6%	1
	Abnormal	6	4.4%	3	4.4%	3	4.4%	
Left Foot Monofilament Testing Score	Normal	130	95.6%	66	97.1%	64	94.1%	0.680
	Abnormal	6	4.4%	2	2.9%	4	5.9%	
Neuropathy Prevalence	Normal	77	56.6%	40	58.8%	37	54.4%	0.729
	Symptoms only; no signs	16	11.8%	12	17.6%	4	5.9%	0.06
	Asymptomatic; signs present	15	11.0%	5	7.4%	10	14.7%	0.273
	Neuropathy	28	20.6%	11	16.2%	17	25.0%	0.289