Supplementary Materials

Arterial Stiffness in Patients with Non-Arteritic Anterior Ischemic Optic Neuropathy: A Case-Control Study Using Oscillometric Pulse Wave Analysis

Figure S1

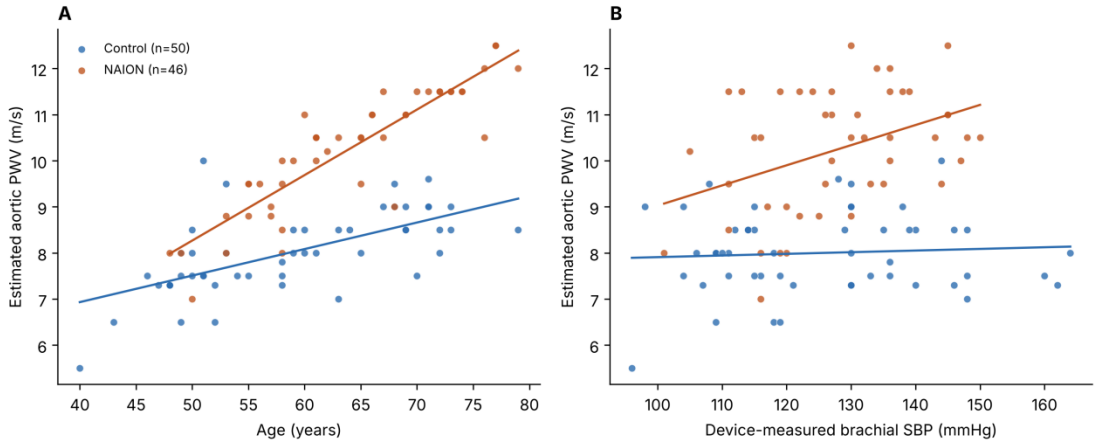


Figure S1. Individual estimated aortic PWV values plotted against (A) age and (B) device-measured brachial systolic blood pressure, by group (controls n = 50; NAION n = 46), with group-specific linear fits.

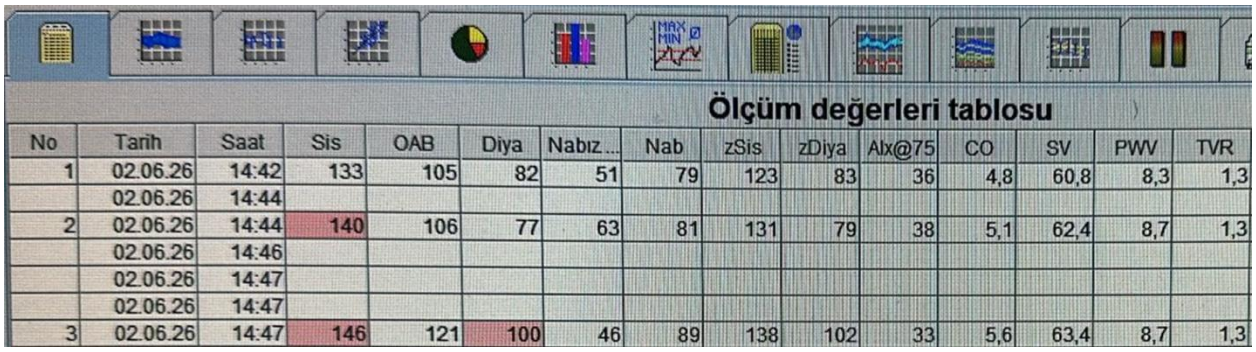
Table S1

Table S1. Pearson correlation matrix of age and hemodynamic variables (n = 96).

	Age	SBP	DBP	MAP	PP	HR	SV	CO	TVR	AIx@75	PWV	LA
Age	1.00	0.12	0.09	0.12	0.06	−0.07	0.25	0.20	−0.04	0.21	0.70	0.16
SBP	0.12	1.00	0.61	0.85	0.68	0.11	0.16	0.30	0.07	0.15	0.21	0.08
DBP	0.09	0.61	1.00	0.94	−0.16	0.13	0.03	0.16	0.36	0.24	0.24	0.14
MAP	0.12	0.85	0.94	1.00	0.20	0.14	0.09	0.24	0.27	0.23	0.25	0.13
PP	0.06	0.68	−0.16	0.20	1.00	0.03	0.17	0.22	−0.24	−0.03	0.03	−0.02
HR	−0.07	0.11	0.13	0.14	0.03	1.00	−0.51	0.33	−0.17	0.20	−0.18	−0.25
SV	0.25	0.16	0.03	0.09	0.17	−0.51	1.00	0.63	−0.21	−0.08	0.45	0.35
CO	0.20	0.30	0.16	0.24	0.22	0.33	0.63	1.00	−0.37	0.08	0.33	0.18
TVR	−0.04	0.07	0.36	0.27	−0.24	−0.17	−0.21	−0.37	1.00	0.27	0.13	0.10
AIx@75	0.21	0.15	0.24	0.23	−0.03	0.20	−0.08	0.08	0.27	1.00	0.42	0.04
PWV	0.70	0.21	0.24	0.25	0.03	−0.18	0.45	0.33	0.13	0.42	1.00	0.29
LA	0.16	0.08	0.14	0.13	−0.02	−0.25	0.35	0.18	0.10	0.04	0.29	1.00

SBP, DBP, device brachial systolic and diastolic blood pressure; MAP, mean arterial pressure; PP, pulse pressure; HR, heart rate; SV, stroke volume; CO, cardiac output; TVR, total vascular resistance; AIx@75, augmentation index at 75 bpm; PWV, estimated aortic pulse wave velocity; LA, left atrial diameter.

Figure S2



Ölçüm değerleri tablosu

No	Tarih	Saat	Sis	OAB	Diya	Nabız...	Nab	zSis	zDiya	AIx@75	CO	SV	PWV	TVR
1	02.06.26	14:42	133	105	82	51	79	123	83	36	4,8	60,8	8,3	1,3
	02.06.26	14:44												
2	02.06.26	14:44	140	106	77	63	81	131	79	38	5,1	62,4	8,7	1,3
	02.06.26	14:46												
	02.06.26	14:47												
	02.06.26	14:47												
3	02.06.26	14:47	146	121	100	46	89	138	102	33	5,6	63,4	8,7	1,3

Figure S2. Representative anonymized screen of the HMS Client-Server software 5.2.3 (Mobil-o-Graph PWA; “Measurement values table”, Turkish interface) for one study participant. Three valid measurements were obtained; rows without values are attempts that did not yield a valid recording and were not used. Column labels: Sis, brachial systolic pressure (mmHg); OAB, oscillometric mean arterial pressure (mmHg); Diya, brachial diastolic pressure (mmHg); Nabız…, pulse pressure (mmHg); Nab, heart rate (bpm); zSis/zDiya, central (aortic) systolic/diastolic pressure (mmHg); AIx@75, augmentation index at 75 bpm (%); CO, cardiac output (L/min); SV, stroke volume (mL); PWV, estimated aortic pulse wave velocity (m/s); TVR, total vascular resistance (s·mmHg/mL). Identifying information has been removed.