

## Electronic supplementary material

### ESM 1. Characteristics of patients with and without recurrence

	With TIPIIC recurrence	Without TIPIIC recurrence
<b>Baseline and clinical presentation</b>		
Men, n/N (%)	4/13 (30.8)	26/59 (44.1)
Age (years), mean (SD)	45.5 (9.8)	48.5 (11.7)
Arterial hypertension, n (%)	1/13 (7.7)	9/58 (15.5)
Active smoking, n (%)	5/13 (38.5)	14/56 (25.0)
Diabetes mellitus, n (%)	0/13 (0)	1/55 (1.8)
Hypercholesterolemia, n (%)	2/13 (15.4)	6/55 (10.9)
Atherothrombotic artery disease, n (%)	0/12 (0)	2/55 (3.6)
Recent viral infection, n (%)	1/13 (7.7)	3/57 (5.3)
Painful palpation/Tenderness, n (%)	13/13 (100)	52/57 (91.2)
Pain intensity	Mild: 1/11 (9.1) Moderate: 9/11 (81.8) Severe: 1/11 (9.1)	Mild: 14/54 (25.9) Moderate: 35/54 (64.8) Severe: 5/54 (9.3)
Local swelling, n (%)	4/13 (30.8)	16/57 (28.1)
Adenomegalies at palpation, n (%)	2/13 (16.7)	8/48 (16.7)
Fever, n (%)	1/13 (7.7)	3/53 (5.7)
Headache, n (%)	0/13 (0)	8/58 (13.8)
Medical therapy, n (%)	10/13 (76.9)	47/57 (82.5)
Type of medical therapy, n (%)	Aspirin: 2/10 (20.0) NSAR: 7/10 (70.0) Glucocorticoids: 1/10 (10.0)	Aspirin: 18/49 (36.7) NSAR: 22/49 (44.9) Glucocorticoids: 9/49 (18.4)
Pain resolution time (days), median (Q1-Q3)	12.0 (7.0-15.0)	14.0 (10.0-15.0)
<b>Sonographic data</b>		
<i>Baseline</i>		
Localization, n (%)	Common carotid artery: 5/7 (71.4) Internal carotid artery: 2/7 (28.6) Carotid bulb: 3/7 (42.9)	Common carotid artery: 17/39 (43.6) Internal carotid artery: 18/39 (46.2) Carotid bulb: 27/39 (69.2)
Localization concentric/eccentric, n (%)	Concentric: 1/5 (20.0) Eccentric: 4/5 (80.0)	Concentric: 1/29 (3.4) Eccentric: 26/29 (89.7)
Localization wall thickness, n (%)	Anterior: 6/12 (50.0) Posterior: 6/12 (50.0)	Anterior: 7/38 (18.4) Posterior: 31/38 (81.6)

	Lateral: 10/13 (76.9)	Lateral: 26/36 (72.2)
	Medial: 0/13 (0)	Medial: 10/36 (27.8)
Max wall thickness (mm), mean (SD)	4.9 (1.4)	4.9 (2.4)
Narrowing of the lumen, n (%)	3/5 (60.0)	11/37 (29.7)
Length lesion, mm, mean (SD)	11.0 (3.6)	16.2 (9.5)
Soft plaque, n (%)	2/4 (50.0)	16/24 (66.7)
Adenomegalies, n (%)	1/4 (25.0)	7/28 (25.0)
<i>Follow-up</i>		
Max wall thickness (mm), mean (SD)	1.2 (1.1)	1.9 (1.1)
Length lesion (mm), mean (SD)	15 (7.1)	6.3 (3.5)
<b>Magnetic resonance imaging data</b>		
<i>Baseline</i>		
Localization, n (%)	Common carotid artery: 8/9 (88.9)	Common carotid artery: 37/48 (77.1)
	Internal carotid artery: 4/9 (44.4)	Internal carotid artery: 28/48 (58.3)
	Carotid bulb: 8/9 (88.9)	Carotid bulb: 39/48 (81.3)
Localization concentric/eccentric, n (%)	Concentric: 1/9 (11.1) Eccentric: 8/9 (88.9)	Concentric: 1/9 (11.1) Eccentric: 8/9 (88.9)
Max wall thickness (mm), mean (SD)	6.4 (1.9)	5.1 (2.2)
Length lesion (mm), mean (SD)	22.3 (8.1)	27.7 (14.9)
Adenomegalies, n (%)	3/9 (33.3)	4/36 (11.1)
<i>Follow-up</i>		
Max wall thickness (mm), mean (SD)	2.7 (0.6)	2.9 (1.6)
Length lesion (mm), mean (SD)	14.3 (6.1)	15.4 (10.3)