

TABLE 1 Baseline Characteristics (n=20)	
Age, y	57.7 ± 14.4
Male, %	6 (30)
BMI, Kg/m ²	26.1 ± 4.3
Dyspnea	
NYHA functional class III/IV, %	19 (95)
Angina pectoris, %	3 (15)
Syncope or presyncope, %	2 (10)
Palpitations, %	20 (100)
Prior septal reduction, %	
ASA, %	1 (5)
Cardiovascular diseases	
Hypertension, %	10 (50)
Coronary artery disease, %	2 (10)
Atrial fibrillation, %	3 (15)
Echocardiography	
Left atrial diameter, mm	42.7 ± 5.7
Length of AML	27.8 ± 3.4
Doppler gradient at rest, mm Hg	86.5 ± 29.2
Gradient at rest >50 mm Hg, %	20 (100)
LVEF, %	72.5 ± 4.9
ECG, including Holter	
Sinus rhythm, %	18 (90)
Right bundle branch block	1 (5)
Atrial fibrillation, %	4 (20)
Non-sustained ventricular tachycardia, %	2 (10)

Table 1 Baseline Characteristics (n=20)

Values are mean ± SD or n (%).

NYHA = New York Heart Association; ASA = alcohol septal ablation; AML = anterior mitral leaflet; LVEF = left ventricular eject; ECG = electrocardiography.

Table 2 Echocardiography and CMR Data in 19 Patients

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NO	Maximal septal thickness, mm	Length of AML, mm	The distribution of hypertrophied segments in septum	Hypertrophied and displacement PM	LVOT gradient at rest, mm Hg			Reduction of gradient, %
					Before ablation	3 days after ablation	6 months after ablation	
1	21.7	28.9	2 , 3 , 9 ^A	NO	65	160	24	63
2	15.5	28.2	2 , 3 ^A	YES	113	66	81	28
3	15.9	22.0	0 ^A	NO	80	21	7	91
4	19	20.4	-	-	96	87	21	78
5	19.2	28.2	-	-	157	95	102	35
6	16.4	31.1	2 , 3 , 9 ^A	YES	72	129	54	25
7	17.2	32.6	2 , 3 , 9	YES	64	65	62	3
8	21.5	28.6	3	NO	134	90	44	67
9	17.4	28.9	2 , 3 ^A	YES	108	87	81	25
10	18.1	28.4	2 ^A	YES	96	11	51	47
11	22.5	26.2	2 , 3	YES	78	62	42	46
12	23.3	32.3	2 , 8 , 9	YES	105	117	80	25

13	15.7	28.4	2 , 3 , 9	YES	125	85	96	23
14	18.8	26.6	2	YES	54	11	11	80
15	19.5	26.0	0	YES	53	20	8	85
16	14.3	28.5	0	NO	66	50	14	79
17	41.3	27.6	2 , 3 , 8 , 9 , 14	YES	76	88	46	39
18	15.1	30.2	2 , 3 , 9	YES	66	88	50	17
19	32.1	30.4	-	-	57	60	39	32

The distribution of hypertrophied segments in septum and hypertrophied and displacement PM was measured in CMR. the distribution of hypertrophied segments in septum is recorded according to the nomenclature for tomographic imaging of the heart (Figure 1B).

AML = anterior mitral leaflet; PM = papillary muscle; LVOT = left ventricular outflow tract

^A CMR is applied after ablation.