

1 A 58-year-old patient with a 3-year history of paroxysmal atrial fibrillation underwent circumferential pulmonary vein isolation -LRB- PVI -RRB- in 2012 .

2 After 3 months , he presented with a symptomatic LAMRT with a cycle length of 385 ms -LRB- .

3 Fig .

4 1 -RRB- .

5 The patient was on amiodarone -LRB- 200 mg daily -RRB- .

6 A PVI-redo was performed using a novel circular mapping and ablation catheter -LRB- nMarq , Biosense Webster , Diamond Bar , Calif. , USA -RRB- .

7 This is a ten-electrode steerable lasso-shaped catheter that allows irrigated unipolar and bi-polar radiofrequency -LRB- RF -RRB- ablation -LRB- cool flow of 60 ml/min -RRB- .

8 Each electrode can be switched on and off separately .

9 For PVI , an antral ablation -LRB- outside the PV -RRB- was performed .

After single transseptal puncture , a CARTO 3 map of the

	left atrium	was	acquired	using	the nMarq	
	Medical_Device catheter .					
11	The activation	Manufactured Object map	Qualitative Concept revealed	an LAMRT with its	Spatial Concept exit	to the left
	atrium -LRB- LA -RRB- at the roof of the left	Body_Part_Organ_or_Organ_Component superior pulmonary vein	-LRB- LSPV			
	-RRB- and its	Spatial Concept entrance	at the	Spatial Concept bottom	of the	Body_Part_Organ_or_Organ_Component left inferior pulmonary vein
	-LRB- LIPV ; .					
12	Food Fig .					
13	2 -RRB- By	Spatial Concept placing	the nMarq	Medical_Device catheter	at the ostium of the LSPV , the activation	Activity
	Intellectual_Product sequence	could be nicely depicted .				
14	Individual Behavior Pacing	from the	Manufactured Object roof	of the	Body_Part_Organ_or_Organ_Component LSPV	Animal showed
	perfect entrainment -LRB-	Pharmacologic Substance PPI	+8 ms -RRB- and a	Qualitative Concept similar		
	Organism Attribute p-wave	Qualitative Concept morphology	Activity compared to the	Intellectual_Product tachy-cardia .		
15	Therapeutic or Preventive Procedure Ablation	at this	Body_Location_or_Region site	Idea or Concept terminated	the LAMRT .	
16	Spatial Concept exit	to the	Body_Part_Organ_or_Organ_Component LA	Functional Concept was	blocked .	
17	Organ_or_Tissue_Function Conduction	into the	Body_Part_Organ_or_Organ_Component left pulmonary veins	was still	Idea or Concept present	
	because of the	Spatial Concept gap	at the	Spatial Concept bottom	of the LIPV -LRB- .	
18	Food Fig .					
19	3 -RRB- .					
20	Eukaryote After ab-lation	at this site , the	Spatial Concept lateral	Body_Part_Organ_or_Organ_Component pulmonary veins	were	Functional_Concept isolated .

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21	The septal ablation line showed gaps in the antero-inferior	
	part , which were successfully closed .	Functional Concept
22	At the end of the procedure there was no in-ducible	Spatial Concept Therapeutic or Preventive Procedure
	tachycardia .	Pathologic Function
23	The septal and lateral PVs were isolated .	Spatial Concept Spatial Concept Gene or Genome Functional Concept
24	The patient was free of any tachycardia for 6	Patient or Disabled Group Qualitative Concept Pathologic Function
	months .	Temporal Concept
25	Conclusion The reentrant circuit of this LAMRT could be nicely depicted using the	Idea or Concept Functional Concept
	nMarq catheter .	Medical Device
26	Successful ablation at the exit and entrance	Qualitative Concept Therapeutic or Preventive Procedure Spatial Concept Spatial Concept
	site could be performed without moving the catheter .	Body Location or Region Functional Concept Organism Function Medical Device