Association of platelet activation markers with recurrence of atrial fibrillation after pulmonary vein isolation

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Running Head   MPAs are associated with AF recurrence

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Supplements

S1   **Parameters of platelet activation within the patients with documented recurrence of AF in comparison to those with the presence of SR (n=13) or ongoing AF (n=7) on the day of follow-up.**

Parameters	Patients with SR on day of examination (n=13)	Patients with running AF (n=7)	p-value
D-dimer, mg FEU/l	0.12 ± 0.02	0.14 ± 0.07	0.41
sP-selectin, pg/ml	6738 ± 332	7252 ± 1016	0.65
sCD40L, pg/ml	39.7 ± 12	33.0 ± 3.3	0.70
MPA, %	39 ± 4	51 ± 3	0.04*
CD41 on monocytes (MFI)	164± 6	240 ± 29	0.07

MPA monocyte-platelet aggregates; sCD40L, soluble CD40 Ligand; sP-selectin, soluble P-selectin; Results are presented as mean ± SEM. *p<0.05.

S2   Parameters of platelet activation in comparison to the presence of SR (n=66) or ongoing AF (n=7) on the day of follow up, 6 months after pulmonary vein isolation.

Parameters	Patients with SR on day of examination (n=66)	Patients with running AF (n=7)	p-value
D-dimer, mg FEU/l	0.12 ± 0.02	0.14 ± 0.07	0.80
sP-selectin, pg/ml	7346 ± 332	7252 ± 1016	0.93
sCD40L, pg/ml	37.7 ± 3.4	33.0 ± 3.3	0.66
MPA, %	35 ± 2	51 ± 3	0.002**
CD41 on monocytes (MFI)	128 ± 6	240 ± 29	<0.001***

MPA monocyte-platelet aggregates; sCD40L, soluble CD40 Ligand; sP-selectin, soluble P-selectin; Results are presented as mean ± SEM. **p<0.01. ***p<0.001.