

Table S1 Uni- and multivariable logistic regression analyses for the primary endpoint in femoral closure by StarClose group

Independent variable	Univariate analysis			Multivariate analysis		
	OR	95% CI	p value	OR	95% CI	p value
Overall bleedings						
Prior ASA treatment	0.949	0.506; 1.779	0.870	1.107	0.481; 2.149	0.966
Prior LMWH treatment	1.160	0.648; 2.074	0.618	1.295	0.636; 2.636	0.477
ASA loading	0.770	-	0.067	-	-	-
Clopidogrel loading	0.838	0.474; 1.480	0.542	0.454	0.197; 1.045	0.064
Prasugrel loading	0.609	0.259; 1.431	0.255	0.333	0.113; 0.980	0.046
Ticagrelor loading	0.826	0.431; 1.583	0.565	0.420	0.169; 1.042	0.061
Age	1.003	0.981; 1.024	0.817	1.003	0.977; 1.028	0.847
Peripher vascular disease	1.310	0.258; 6.652	0.745	1.205	0.201; 7.234	0.839
Serum creatinine	1.205	0.699; 2.079	0.502	1.120	0.624; 2.008	0.704
6 French sheath diameter	1.849	0.464; 7.368	0.384	1.954	0.459; 8.317	0.365
BARC type 2						
Prior ASA treatment	0.366	0.022; 5.949	0.479	0.745	0.033; 16.737	0.833
Prior LMWH treatment	-	-	0.997	-	-	0.977
ASA loading	-	-	-	-	-	-
Clopidogrel loading	1.415	0.087;	0.807	0.607	0.020; 18.379	0.774
Prasugrel loading	-	-	0.998	-	-	0.998
Ticagrelor loading	-	-	0.998	-	-	0.997
Age	0.987	0.887; 1.097	0.804	0.965	0.846; 1.100	0.594
Peripher vascular disease	-	-	0.999	-	-	0.999
Serum creatinine	0.074	0.000;	0.404	0.105	0.000; 58.819	0.475
6 French sheath diameter	-	-	0.999	-	-	0.999
GUSTO mild						
Prior ASA treatment	0.949	0.506; 1.779	0.870	1.017	0.481; 2.149	0.966
Prior LMWH treatment	1.160	0.648; 2.074	0.618	1.295	0.636; 2.636	0.477
ASA loading	-	-	-	-	-	-
Clopidogrel loading	0.838	0.474; 1.480	0.542	0.454	0.197; 1.045	0.064
Prasugrel loading	0.609	0.259; 1.431	0.255	0.333	0.113; 0.980	0.046
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Peripher vascular disease	1.310	0.258; 6.652	0.745	1.205	0.201; 7.234	0.839
Serum creatinine	1.205	0.699; 2.079	0.502	1.120	0.624; 2.008	0.704
6 French sheath diameter	1.849	0.464; 7.368	0.384	1.954	0.459; 8.317	0.365
TIMI minimal						
Prior ASA treatment	1.153	0.606; 2.194	0.665	1.205	0.562; 2.581	0.632
Prior LMWH treatment	1.260	0.700; 2.269	0.441	1.279	0.629; 2.624	0.497
ASA loading	0.653	-	0.003	-	-	-
Clopidogrel loading	0.857	0.481; 1.527	0.600	0.615	0.267; 1.416	0.254
Prasugrel loading	0.736	0.313; 1.713	0.482	0.576	0.197; 1.681	0.313
Ticagrelor loading	1.028	0.535; 1.977	0.933	0.693	0.282; 1.704	0.424
Age	1.003	0.962; 1.026	0.762	1.007	0.982; 1.033	0.574
Peripher vascular disease	1.553	0.305; 7.893	0.596	1.730	0.292; 10.257	0.546
Serum creatinine	1.127	0.660; 1.925	0.662	1.019	0.569; 1.824	0.950
6 French sheath diameter	1.556	0.390; 6.204	0.531	1.493	0.357; 6.234	0.583
Non-access site bleedings						
Prior ASA treatment	-	-	-	-	-	-
Prior LMWH treatment	-	-	-	-	-	-
ASA loading	-	-	-	-	-	-
Clopidogrel loading	-	-	0.999	-	-	-
Prasugrel loading	-	-	0.999	-	-	-
Ticagrelor loading	-	-	0.998	-	-	-
Age	0.882	0.709; 1.097	0.258	-	-	-
Peripher vascular disease	-	-	0.999	-	-	-
Serum creatinine	0.109	0.000;	0.604	-	-	-
6 French sheath diameter	-	-	0.999	-	-	-

ASA acetylsalicylic acid, CI confidence interval, OR Odds Ratio, significant p values are in bold type (p < 0,05)

Table S2 Uni- and multivariable logistic regression analyses for the primary endpoint in femoral closure by Angio Seal group

Independent variable	Univariate analysis			Multivariate analysis		
	OR	95% CI	p value	OR	95% CI	p value
Overall bleedings						
Prior ASA treatment	0.556	0.313; 0.990	0.046	0.973	0.450; 2.104	0.945
Prior LMWH treatment	0.792	0.222; 2.828	0.720	0.714	0.167; 3.053	0.649
ASA loading	1.072	0.234; 4.918	0.929	1.785	0.193; 16.540	0.610
Clopidogrel loading	0.521	0.291; 0.932	0.028	0.547	0.237; 1.263	0.158
Prasugrel loading	1.482	0.479; 4.592	0.495	1.192	0.267; 5.323	0.818
Ticagrelor loading	1.247	-	0.121	-	-	-
Age	0.998	0.973; 1.023	0.867	1.005	0.974; 1.036	0.762
Peripher vascular disease	0.265	0.081; 0.864	0.028	0.304	0.076; 1.214	0.092
Serum creatinine	0.705	0.478; 1.039	0.077	0.738	0.502; 1.085	0.122
6 French sheath diameter	1.652	0.748; 3.648	0.214	2.655	1.018; 6.925	0.046
BARC type 2						
Prior ASA treatment	0.608	0.236; 1.570	0.304	0.512	0.163; 1.602	0.250
Prior LMWH treatment	1.062	0.127; 8.866	0.956	1.131	0.125; 10.224	0.913
ASA loading	1.620	0.185; 14.218	0.663	1.443	0.107; 19.485	0.782
Clopidogrel loading	0.568	0.220; 1.466	0.242	0.803	0.251; 2.576	0.713
Prasugrel loading	0.718	0.089; 5.812	0.756	0.672	0.070; 6.426	0.730
Ticagrelor loading	-	-	-	-	-	-
Age	1.035	0.988; 1.086	0.149	1.038	0.987; 1.092	0.143
Peripher vascular disease	1.520	0.316; 7.308	0.601	2.383	0.380; 14.931	0.354
Serum creatinine	0.661	0.260; 1.684	0.386	0.529	0.157; 1.785	0.305
6 French sheath diameter	0.895	0.244; 3.287	0.867	0.932	0.228; 3.806	0.922
GUSTO mild						
Prior ASA treatment	0.566	0.319; 1.005	0.052	1.051	0.487; 2.268	0.900
Prior LMWH treatment	0.827	0.232; 2.951	0.770	0.743	0.170; 3.252	0.694
ASA loading	1.117	0.244; 5.127	0.886	2.174	0.217; 21.799	0.509
Clopidogrel loading	0.532	0.298; 0.950	0.033	0.501	0.215; 1.170	0.110
Prasugrel loading	1.122	0.375; 3.361	0.837	0.764	0.188; 3.100	0.706
Ticagrelor loading	1.198	-	0.204	-	-	-
Age	1.000	0.976; 1.026	0.972	1.007	0.967; 1.039	0.665
Peripher vascular disease	0.186	0.051; 0.682	0.011	0.185	0.041; 0.833	0.028
Serum creatinine	0.692	0.463; 1.034	0.072	0.726	0.487; 1.082	0.116
6 French sheath diameter	1.575	0.714; 3.477	0.261	2.522	0.964; 6.599	0.059
TIMI minimal						
Prior ASA treatment	0.520	0.292; 0.925	0.026	0.947	0.438; 2.048	0.890
Prior LMWH treatment	0.827	0.232; 2.951	0.770	0.745	0.170; 3.260	0.696
ASA loading	1.117	0.244; 5.127	0.886	2.032	0.204; 20.254	0.545
Clopidogrel loading	0.487	0.272; 0.872	0.016	0.495	0.213; 1.151	0.102
Prasugrel loading	1.548	0.500; 4.795	0.449	1.146	0.256; 5.123	0.859
Ticagrelor loading	1.198	-	0.204	-	-	-
Age	0.997	0.972; 1.022	0.787	1.004	0.973; 1.036	0.808
Peripher vascular disease	0.186	0.051; 0.682	0.011	0.199	0.044; 0.897	0.036
Serum creatinine	0.691	0.462; 1.033	0.072	0.737	0.498; 1.092	0.129
6 French sheath diameter	1.575	0.714; 3.477	0.261	2.485	0.947; 6.523	0.064
Non-access site bleedings						
Prior ASA treatment	0.332	0.096; 1.141	0.080	0.359	0.078; 1.661	0.190
Prior LMWH treatment	-	-	0.999	-	-	0.999
ASA loading	-	-	0.999	-	-	0.999
Clopidogrel loading	0.929	0.284; 3.037	0.903	2.492	0.420; 14.790	0.315
Prasugrel loading	2.933	0.577; 14.925	0.195	5.258	0.612; 45.163	0.130
Ticagrelor loading	-	-	-	-	-	-
Age	0.989	0.940; 1.041	0.670	1.001	0.943; 1.062	0.975
Peripher vascular disease	1.130	0.136; 9.397	0.910	3.264	0.293; 36.375	0.336
Serum creatinine	0.975	0.511; 1.861	0.939	0.970	0.501; 1.878	0.929
6 French sheath diameter	1.925	0.239; 15.503	0.538	1.836	0.206; 16.338	0.586

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