

**Supplementary Table 3. The per-patient frequency of access-related procedures (2008 to 2016)**

Year	Venography	Fistulography	PTA	Stent placement	Percutaneous thrombectomy	AVF placement	AVG placement	Surgical revision	Removal of infected graft	TDC placement	Total	Hemodialysis patients
2008	0.073295144	0.042973099	0.074590612	0.00516163	0.013298788	0.145557962	0.048499079	0.066068862	0.001841993	0.04574621	0.517033379	49,403
2009	0.073930983	0.035502626	0.071849212	0.007126782	0.015285071	0.1323351838	0.046492873	0.078375844	0.002269317	0.058795949	0.521980495	53,320
2010	0.079503651	0.040538809	0.090612932	0.010944563	0.017935907	0.138930068	0.054576401	0.080931203	0.00347737	0.079137612	0.596588517	54,639
2011	0.08185904	0.041409262	0.118639218	0.011160301	0.023229586	0.132206642	0.051138755	0.076017978	0.003972596	0.101200195	0.640833572	59,407
2012	0.084131684	0.047932733	0.144463271	0.013618153	0.025763646	0.127978971	0.050323827	0.083545787	0.003230353	0.111130465	0.69211889	63,151
2013	0.08669028	0.049858918	0.171549499	0.010941346	0.025334694	0.126898601	0.048778291	0.087125533	0.003406976	0.118628805	0.729212944	66,628
2014	0.093399963	0.051008674	0.194679084	0.011811638	0.029514899	0.121438408	0.046465736	0.086443589	0.004358381	0.1308792	0.769999574	70,439
2015	0.09171153	0.060585358	0.205544776	0.013390539	0.031577078	0.125666111	0.04770038	0.085672123	0.003716558	0.147746837	0.813311289	73,186
2016	0.097519664	0.065338175	0.226104474	0.016206228	0.037827365	0.118999654	0.053494668	0.085252717	0.004041933	0.148640499	0.853425378	77,933

PTA, percutaneous transluminal angioplasty; AVF, arteriovenous fistula; AVG, arteriovenous graft; TDC, tunneled dialysis catheter.