

Supplementary material

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Supplemental material

Table S1. Penetration of Transcatheter Aortic Valve Implantation procedures in Poland in the years 2008–2019; based on official data from the National Census of Population in Poland and algorithm described by Durko et al. *Eur Heart J.* 2018; 39: 2635-2642.

Year	Total population	Population Age ≥65	Severe AS (0,444%)	Symptomatic Severe AS (68.3%)	Asymptomatic 31.7%	Not referred to SAVR (41.6%)		Referred to SAVR		Intermediate Risk 13.9%	IR TAVI eligible 68.2%	Low Risk 79.9%	LR TAVI Eligible 9.9%	Total TAVI IO+HR	Total TAVI IR+HR+IR	Total TAVI Eligible	TAVI	Penetration IO+HR	Penetration IO+HR+IR	TAVI Penetration All Risk
						Not referred to SAVR	Treated with TAVI	Referred for SAVR (58.4%)	High Risk - all TAVI											
2008	38135876	5146287	22850	15606	7243	6492	4006	9114	565	1267	864	7282	721	4571	5435	6156	8	0.18%	0.15%	0.13%
2009	38167329	5161470	22917	15652	7265	6511	4017	9141	567	1271	867	7304	723	4584	5451	6174	55	1.20%	1.01%	0.89%
2010	38200037	5184564	23019	15722	7297	6540	4035	9182	569	1276	870	7336	726	4605	5475	6201	146	3.17%	2.67%	2.35%
2011	38538447	5325015	23643	16148	7495	6718	4145	9431	585	1311	894	7535	746	4729	5623	6369	211	4.46%	3.75%	3.31%
2012	38533299	5487713	24365	16642	7724	6923	4271	9719	603	1351	921	7765	769	4874	5795	6564	250	5.13%	4.31%	3.81%
2013	38495659	5672608	25186	17202	7984	7156	4415	10046	623	1396	952	8027	795	5038	5991	6785	379	7.52%	6.33%	5.59%
2014	38478602	5874047	26081	17813	8268	7410	4572	10403	645	1446	986	8312	823	5217	6203	7026	470	9.01%	7.58%	6.69%
2015	38437239	6076418	26979	18427	8552	7666	4730	10761	667	1496	1020	8598	851	5397	6417	7268	670	12.41%	10.44%	9.22%

2016	38432992	6303405	27987	19115	8872	7952	4906	11163	692	1552	1058	8919	883	5598	6657	7540	869	15.52%	13.05%	11.53%
2017	38433558	6520247	28950	19773	9177	8225	5075	11547	716	1605	1095	9226	913	5791	6886	7799	1042	17.99%	15.13%	13.36%
2018	38411148	6732360	29892	20416	9476	8493	5240	11923	739	1657	1130	9526	943	5979	7110	8053	1260	21.07%	17.72%	15.65%
2019	38652583	6947019	30845	21067	9778	8764	5407	12303	763	1710	1166	9830	973	6170	7336	8310	1550	25.12%	21.13%	18.65%

AS: aortic stenosis, HR: high risk, IO: inoperable, IR: intermediate risk, LR: low risk, SAVR: surgical aortic valve replacement

Table S2. Transcatheter Aortic Valve Implantation systems used in Poland in years 2008–2019.

TAVI system	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	Total
Symetis / Acurate						9	18	26	36	82	129	179	479
Allegra								36					36
CoreValve / EvolutR		16	95	126	158	208	229	323	505	654	786	895	3995
Engager						13	5	2					20
Hydra											4	8	12
Jena						1	3	7	2				13
Lotus							16	61	100	18		6	201
Portico									3	59	79	138	279
Sapient/XT/S3	8	39	51	85	92	148	199	215	223	229	262	324	1875