

Table S3: Maximum geometric orifice area (GOA), minimal internal diameter and pin-wheeling index of Evolut R and Evolut PRO inside surgical aortic valves (SAV)

Evolut R in SAV	max GEO [cm ²]	MID [mm]	Pin-wheeling index [%]			
			Leaflet 1	Leaflet 2	Leaflet 3	mean
Hancock II	1.1	12	29	29	24	27
Mosaic Ultra	1.3	13	21	23	29	24
Epic Supra	1.4	13	22	20	14	19
Trifecta	1.4	13	23	14	18	18
Perimount	1.5	14	24	14	9	16
Magna Ease	1.7	15	18	13	23	18
Avalus	1.4	13	10	23	18	17
Freestyle	1.7	15	22	11	10	14
Intuity	1.9	16	16	16	14	15
Evolut PRO						
in SAV						
Hancock II	1.0	11	23	17	22	21
Mosaic Ultra	1.5	14	7	33	14	18
Epic Supra	1.4	13	27	24	7	19
Trifecta	1.2	12	13	13	26	17
Perimount	1.3	13	7	20	21	16
Magna Ease	1.5	14	21	10	11	14
Avalus	1.4	13	21	14	10	15
Freestyle	1.7	15	22	5	15	14
Intuity	2.0	16	17	14	9	13