

Supplementary material

Gałączka M, Szkutnik M, Białkowski J, et al. Transcatheter patent ductus arteriosus closure: what have we learned after over 25 years? A single-center experience with 1036 patients. Kardiol Pol. 2021; 79: 287-293. doi:10.33963/KP.15812.

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Table S1. Delivery approach in selected devices.

Device, (n)	Arterial approach, n (%)	Venous approach, n (%)
RD (25)	-	25 (100)
coil/s (469; multiple, n=18)	450 (95.9)	19 (4.1)
(A)DO I (300)	-	300 (100)
ADO II (32)	12 (37.5)	20 (62.5)
ADO II AS (209)	206 (98.6)	3 (1.4)
ASO (7)	1 (14.3)	6 (85.7)
VSO (6)	1 (16.7)	5 (83.3)
AVP II (4)	-	4 (100)

(A)DO I – (Amplatzer) duct occluder type I, ADO II – Amplatzer duct occluder type II, ADO II AS - Amplatzer duct occluder type II additional sizes, ASO – atrial septal occluder, AVP II – Amplatzer vascular plug type II, RD – Rashkind device, VSO – muscular VSD occluder

Table S2. Comparison of baseline patients characteristics and results of original Amplatzer vs. Chinese-made duct occluders type I application.

	Amplatzer DO I (n = 159)	Chinese-made DO I (n = 141)	P value
Age (years) ^a	4 (1.5-18.3)	3.2 (1.8-14)	0.52
Weight (kg) ^a	17 (11-55)	15 (11.4-50)	0.46
PDA narrowest diameter (mm) ^a	3 (2.5-4)	2.5 (2.2-3)	<0.001
Fluoroscopy time (min) ^a	6.3 (4.5-10.1)	4.2 (3.4-6)	0.006
PDA type, n (%)	A – 133 (83.6) C – 13 (8.2) D – 1 (0.6) E – 10 (6.3) post surgery – 2 (1.3)	A – 119 (84.4) B – 2 (1.4) C – 7 (5.0) D – 5 (3.5) E – 8 (5.7)	
Success rate, n (%)	159 (100)	140 (99.3)	0.29
Minor complications, n (%)	7 (4.4)	8 (5.7)	0.61

DO I – duct occluder type I; PDA – patent ductus arteriosus

^aData expressed as median value (Q1-Q3)

Figure S1. Distribution of age of patients in selected ranges.

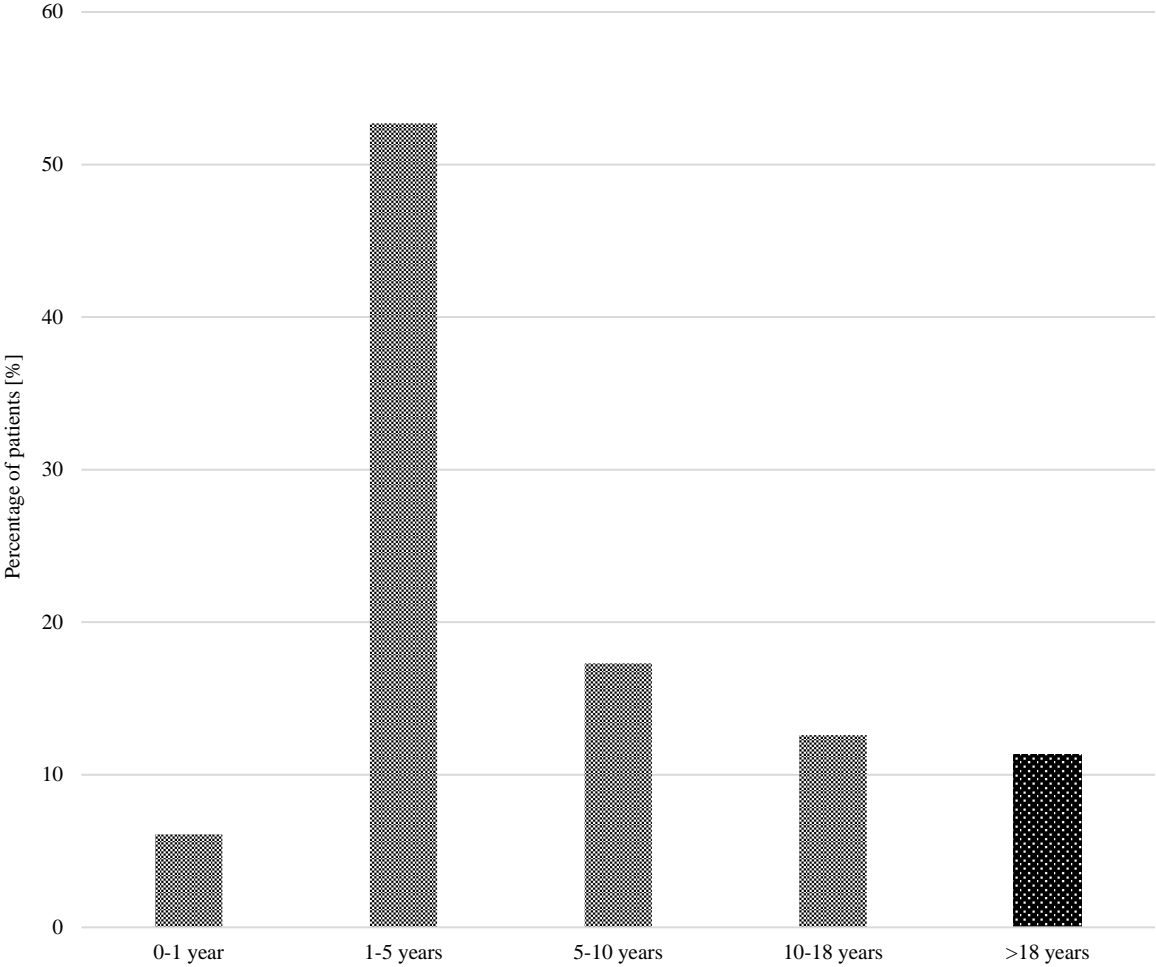


Figure S2. Fluoroscopy time: venous vs. arterial delivery approach [minutes; $P < 0.0001$]

(median value, minimum-maximum and interquartile range).

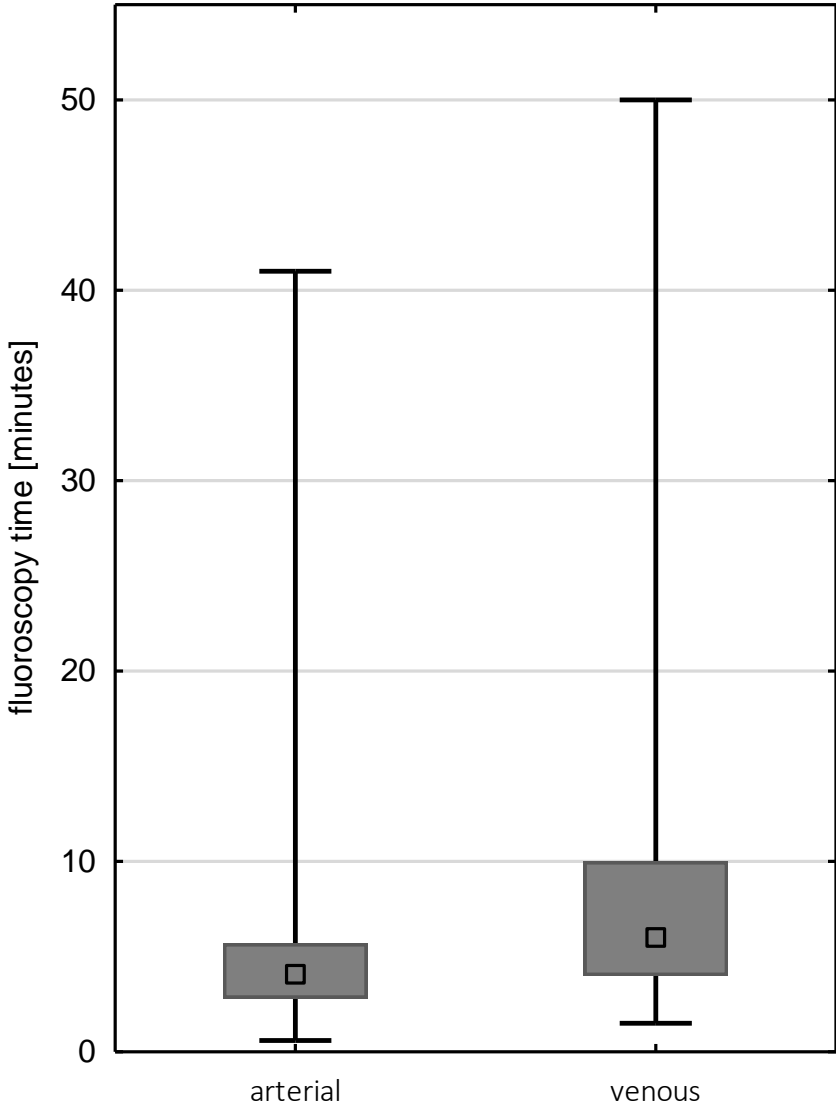


Figure S3. Association between fluoroscopy time (minutes) and a period from the transcatheter patent ductus arteriosus closure introduction (years); $r_s = -0.3911$, $P < 0.0001$.

(r_s - Spearman's correlation coefficient)

