

## Supplementary material

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*Kowalczyk M, Zieliński P, Marczak M, et al. Cardiac magnetic resonance–derived cardiac index is associated with adverse outcomes in patients with single-ventricle Fontan circulation: a preliminary study. Kardiol Pol. 2021; 79: 336-338. doi:10.33963/KP.15822*

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**Suppl. Table S1.** The correlation between biochemical parameters, exercise capacity, time from surgery and CI.

Laboratory tests	N	R	P value
CI & ALT	34	-0.05	0.79
CI & AST	34	-0.09	0.63
CI & bilirubin	33	0.08	0.66
CI & serum iron level	30	-0.04	0.83
CI & serum creatinine level	34	-0.02	0.92
CI & TSH	33	-0.16	0.36
CI & HGB	34	-0.15	0.40
CI & MCV	34	-0.14	0.45
CI & RBC Count	34	-0.15	0.41
CI & Platelet Count	34	0.24	0.17
CI & WBC Count	34	-0.03	0.86
CI & pVO <sub>2</sub>	33	0.27	0.12
CI& age	34	-0.33	0.06
CI & time from surgery	34	-0.56	<i>P</i> <0.01

ALT - alanine transaminase; AST - aspartate transaminase; CI - Cardiac Index; HGB - haemoglobin concentration; MCV - mean cell volume; N - number of patients; pVO<sub>2</sub> - peak oxygen uptake; R - Spearman's correlation coefficient; RBC - red blood cell; TSH - thyroid-stimulating hormone; WBC - white blood cell

**Suppl. Table S2.** The results of the analysis of adverse outcomes, GFR and decreased CI.

<b>CI</b>	<b>GFR, ml/min/kg &lt; 90</b>			<b>GFR, ml/min/kg &gt; 90</b>			<b>P value</b>
	Median	Q1, Q3	N	Median	Q1, Q3	N	
	3.3	2.99, 2.73	10	3.42	3.0, 3.98	24	0.51
<b>CI</b>	<b>Stable NYHA class</b>			<b>Increase of NYHA class</b>			<b>P value</b>
	Median	Q1, Q3	N	Median	Q1, Q3	N	
	3.46	3.0, 3.95	24	3.01	2.88, 3.15	2	0.19
<b>CI</b>	<b>pVO<sub>2</sub> decrease</b>			<b>pVO<sub>2</sub> increase</b>			<b>P value</b>
	Median	Q1, Q3	N	Median	Q1, Q3	N	
	3.9	3.28, 4.75	5	3.37	3.03, 3.69	18	0.58
<b>CI</b>	<b>Lack of nonelective hospitalizations</b>			<b>Nonelective hospitalizations</b>			<b>P value</b>
	Median	Q1, Q3	N	Median	Q1, Q3	N	
	3.46	3.16, 4.1	21	2.89	2.74, 3.28	5	<0.05
<b>CI</b>	<b>Lack of arrhythmia</b>			<b>Arrhythmia present</b>			<b>P value</b>
	Median	Q1, Q3	N	Median	Q1, Q3	N	
	3.58	3.24, 4.23	19	3.28	2.89, 3.62	9	0.12

CI- Cardiac Index; GFR- glomerular filtration rate; N-number of patients; Q1- first quartile  
Q3- third quartile