

## Supplementary material

*Kopytek M, Konstanty-Kalandyck J, Ząbczyk M et al. Valvular expression of factor XI correlates with valve calcification and aortic stenosis severity. Kardiol Pol. 2023.*

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**Table S1.** Baseline characteristic of patients with aortic stenosis (AS)

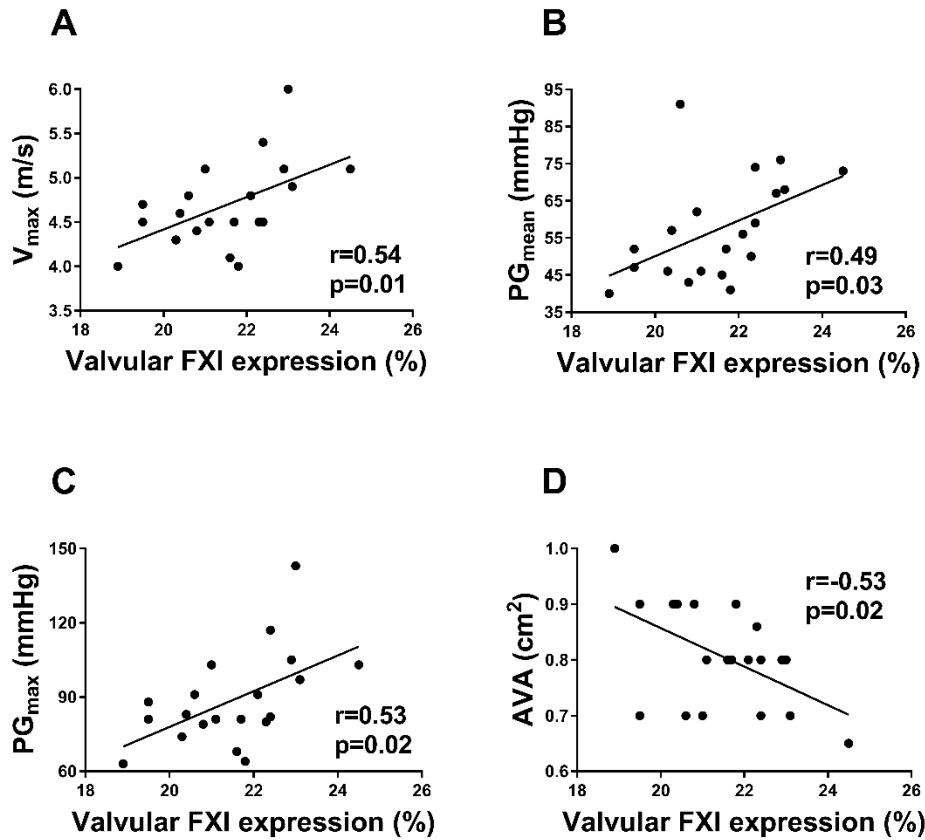
Variable	AS patients (n = 20)
Age, years	64 (9.6)
Male, n (%)	12 (60)
BMI, kg m <sup>-2</sup>	28.4 (5.0)
<b>Risk factors, n (%)</b>	
Arterial hypertension	18 (90)
Hypercholesterolemia	14 (70)
Current smoking	4 (20)
<b>Medications, n (%)</b>	
Beta-blockers	18 (90)
Acetylsalicylic acid	16 (80)
ACE-i	16 (80)
Statins	14 (70)
<b>Echocardiographic parameters</b>	
Peak transvalvular velocity, m/s	4.6 (4.5–5.0)
Mean gradient, mm Hg	54 (46–68)
Maximal gradient, mm Hg	83 (80–100)
Aortic valve area, cm <sup>2</sup>	0.8 (0.7–0.9)
<b>Laboratory investigations</b>	
Fibrinogen, g/l	3.2 (0.7)
Creatinine, μmol/l	82 (19.0)
CRP, mg/l	1.1 (1.0–3.1)
Glucose, mmol/l	5.2 (5.0–5.7)
Total cholesterol mmol/l	4.2 (0.9)
LDL-cholesterol, mmol/l	2.6 (2.0–3.0)
HDL-cholesterol, mmol/l	1.3 (0.3)
Triglycerides, mmol/l	1.1 (0.9–1.4)

Data presented as numbers (percentages), mean and (SD) or medians (interquartile range). A

*P*-value of <0.05 was considered statistically significant

Abbreviations: ACE-i, *angiotensin converting enzyme inhibitors*; BMI, body mass index;

CRP, C-reactive protein



**Figure S1.** Associations between valvular factor (F)XI expression and disease severity in aortic stenosis patients. The scatterplots show correlations between valvular FXI expression and: **A.** Peak transvalvular velocity ( $V_{\max}$ ); **B.** Mean transvalvular pressure gradient ( $PG_{\text{mean}}$ ); **C.** Maximal transvalvular pressure gradient ( $PG_{\text{max}}$ ); **D.** aortic valve area (AVA)