### Revista Española de Cardiología

Rivas-Gándara, et al. Risk stratification of ventricular arrhythmias in repaired tetralogy of Fallot

#### SUPPLEMENTARY DATA

### Table 1 of the supplementary data

Univariate analysis considering clinical VA as the outcome of interest (secondary outcome)

Risk factor	OR	95%CI	Р			
Clinical						
QRS >180 ms	3.71	0.83-16.64	.086			
Hi-PVCs/NSVT	10.18	1.83-56.54	.008			
Atrial flutter	6.67	1.48-30.10	.014			
Cardiac magnetic resonance (n = 51)						
RV ejection fraction (CMR), %	0.93	0.84-1.02	.130			
Electrophysiological study						
VT induction in the EPS	4.20	1.06-16.68	.041			
HV, ms	1.04	0.99-1.10	.136			
HV > 55 ms	3.75	0.94-14.95	.061			
Electroanatomical map						
RV scar area, $cm^2$ (n = 53)	1.04	0.99-1.09	.117			
Scar percentage (n = 53)						
RV	1.14	1.0-1.29	.048			
RVOT	1.11	0.97-1.26	.131			
Stratified RV activation time	1.22	1.02-1.47	.029			
(10 ms intervals)						
Infundibular activation time, ms	1.01	0.99-1.03	.177			
Isthmi	0.91	0.33-1.14	.120			
Electrograms						
Double potentials	6.07	0.71-51.71	.099			

RV, right ventricle; RVOT, right ventricle outflow tract; VA, ventricular arrhythmia.

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#### Table 2 of the supplementary data

Sensitivity analysis excluding patients with prior ablation.

The final most parsimonious multivariate model included the following variables: RV activation time, HV interval > 55 ms, and the presence of high-frequency premature ventricular contractions (Hi-PVC) or nonsustained ventricular tachycardia (NSVT). The logistic model that was adjusted is presented in the table:

	Coefficient	OR	95%CI	Ρ
Intercept	-6.76			.003
Hi-PVC/NSVT	2.43	11.34	1.50-85.97	.019
HV > 55 ms	3.05	21.20	3.11-144.14	.002
RV activation time	0.03	1.03	1.00-1.06	.035

Hi-PVC, high-frequency premature ventricular contractions; NSVT, non-sustained ventricular tachycardia; RV, right ventricle.

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# Table 3 of the supplementary data

The following table shows the logistic model excluding patients who underwent prior ablation.

No major variations were observed.

	Coefficient	OR	95%CI	Р
Intercept	-5.23			.005
Hi-PVC/NSVT	2.55	12.85	1.27-130.3	.031
HV > 55 ms	3.35	28.39	2.98-270.68	.004
RV activation time	0.01	1.01	0.98-1.05	.422

Hi-PVC, high-frequency premature ventricular contractions; NSVT, non sustained ventricular tachycardia; RV, right ventricle.