STATISTICAL ANALYSIS

The Effect of Atrioventricular Delay Optimization on Ventricular Functions in Patients Undergoing Conduction System Pacing

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Statistical analyses were performed using IBM SPSS Statistics software (version 25.0; IBM Corp., Armonk, NY, USA). The normality of continuous variables was assessed using the Kolmogorov–Smirnov test. Variables with normal distribution were expressed as mean ± standard deviation (SD), whereas variables without normal distribution were presented as median (interquartile range [IQR]). Categorical variables were summarized as frequencies and percentages.

For repeated measurements, paired Student's t-test was used for normally distributed variables, while the Wilcoxon signed-rank test was used for non-normally distributed variables. A two-sided p-value of less than 0.05 was considered statistically significant.

To assess intraobserver variability, global longitudinal strain (GLS) measurements were repeated at two different time points in 10 randomly selected patients and analyzed using the intraclass correlation coefficient (ICC). A high level of agreement was observed for repeated measurements performed by the echocardiographer (ICC = 0.92, 95% confidence interval [CI]: 0.70–0.98).