

ACCUCINCH VENTRICULAR RESTORATION

Joseph Toole, DO

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NorthwellSM
Cardiovascular Institute

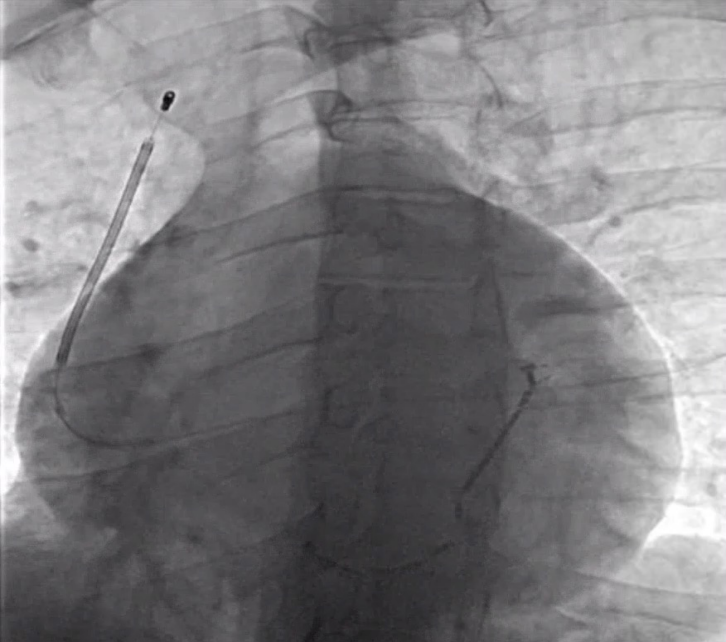
36-YEAR-OLD MAN WITH NON-ISCHEMIC CARDIOMYOPATHY

- Diagnosed with NICM in 2020 with an EF of 15-20% and LVIDd 7.2cm s/p S-ICD
- Other significant medical history: OSA, HTN, HLD, BMI ~37
- In 2023
 - Tolerating quadruple therapy with NYHA class II symptoms
 - Not requiring standing diuretics
 - Only one ER visit over the prior year
 - NT-proBNP 509-530
 - CPET: pVO2 ~10.8
- In 2024
 - NYHA class III symptoms
 - Screened for the CORCINCH Trial and randomized into the AccuCinch arm

Time	LVEF	LVIDd (cm)	LVEDV (mL)	Degree of MR	RV Size/Function
5/2023	15%	8.3	298	Mild	Nml/reduced
6/2024	20-25%	8.45	293	Mild	Normal
1/2025	32%	8.8		Mild	Normal

POST ACCUCINCH TRANSCATHETER LEFT VENTRICULAR RESTORATION SYSTEM

- Underwent AccuCinch Ventricular Restoration System Placement in January 2025
- Functional Change
 - 3-months post-procedure: Easily walking 10-15 blocks and manages a flight of stairs easily
 - 5-months post-procedure: No block limitation on flat ground, returned to the gym, resumed his work as a bodyguard traveling internationally
 - 12-months post-procedure: NYHA Class I



Time Post-Procedure	LVEF	LVIDd (cm)	LVEDV (mL)	RV Size & Function
1 month	13%	8.18 cm		Normal
3 months	23%	9.2 cm		Normal
11 months	20%	10.2 cm	377	Normal

THANK YOU



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