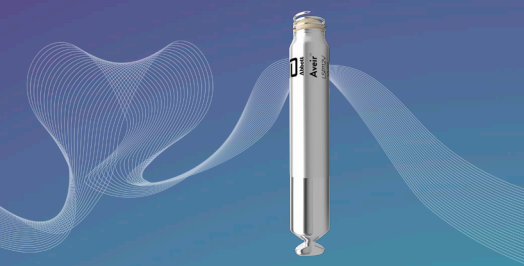
AVEIR™ VR Leadless Pacemaker

CASE INSIGHTS



AT A GLANCE

An active patient in his 60s with a history of atrial fibrillation, atrial asystole, and transvenous pacemaker system infection is indicated for a laser lead extraction and elects to receive an Aveir VR LP as a replacement device.

KEY TAKEAWAYS

- Device-related infection is one of the major complications of permanent pacemaker implantation, and remains a major cause of morbidity and mortality with transvenous endocardial permanent pacemakers.
- The incidence of device-related infection is around 0.8%[1] for initial implantations and about 2%[1] for revision/replacement procedures, although some estimates are as high as 19%.[2]
- Abbott Aveir VR LP can be considered for both bridge and destination therapy after complex laser lead extraction.

NEXT STEPS

SCAN THE QR CODE BELOW to learn more about the Aveir VR LP and read recently published real-world evidence.

STAY INFORMED! Follow the QR code to receive first access to the latest information and updates.

PATIENT DEMOGRAPHICS

A male patient in his 60s diagnosed with a permanent pacemaker indication with a history of MAZE, mechanical MVR complicated by development of atrial asystole. Previous transvenous pacemaker infection resulting in explant and reimplant on right side.

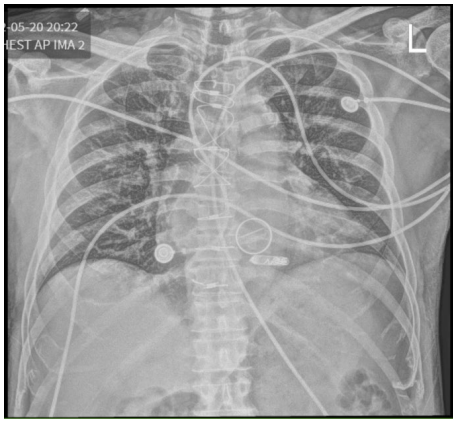
CHALLENGE

After generator change in April 2021, the patient noted episodes of redness over pacemaker pocket starting in July and was treated with multiple courses of antibiotics. By April 2022, there was no improvement and incision line began to dehisce. The patient presented with an atrial paced, ventricular sensed rhythm with 1st degree AV block and a narrow QRS complex (72 ms).

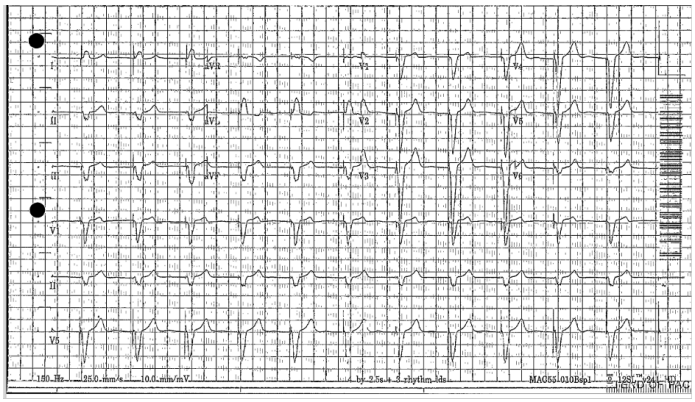
SOLUTION

The patient consented to a laser lead extraction and opted for reimplant with the Aveir VR leadless pacemaker since it avoids the risk of pocket infection.

The LP device electronics are designed to be enabled by future software, upon regulatory approval, to support dual chamber pacing in the future. Dual chamber pacing system is currently in clinical trial (ClinicalTrials. gov NCT #05252702) and limited to investigational use only.



POST-IMPLANT ECG



REFERENCES

1. Mulpuru, S., Pretorius, V., Birgersdotter-Green, U. Device Infections: Management and Indications for Lead Extraction. JAHA, Vol. 128, No. 9. 2013, Aug 13
2. Rizza, S., Steckelberg, J. Pacemaker, defibrillator, and VAD infections. Clinical Infectious Disease, Mayo Clinic, Cambridge University Press. 2010 Jan 1.

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Rx Only

Brief Summary: Prior to using these devices, please review the Instructions for Use for a complete listing of indications, contraindications, warnings, precautions, potential adverse events and directions for use.

MAT-2213896 v2.0 | Item approved for U.S. use.

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