

Leviticus Cardio

**The next generation solution
for VAD technology**

Michael Zilbershlag, CEO

Trendlines Medical Asia Road Show

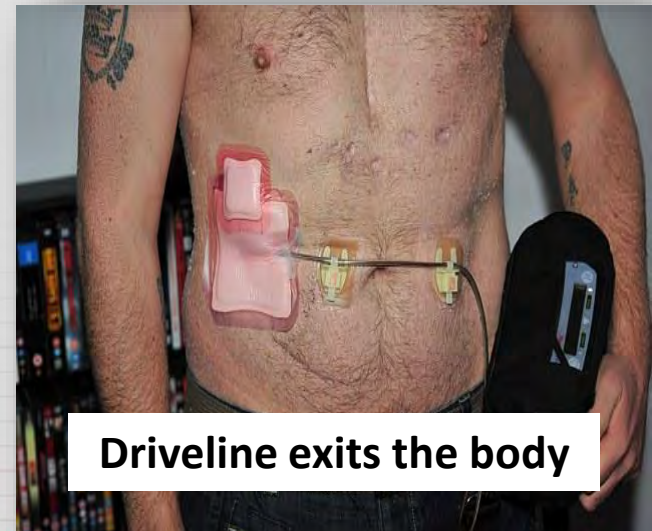
LVAD Pump: A Solution for End-Stage Heart Failure

- People with end-stage heart failure usually die within **six months**.
- Mechanical heart pumps can keep them **alive longer**.

The problem is the driveline
that exits the body.



Mechanical heart pump



Driveline exits the body



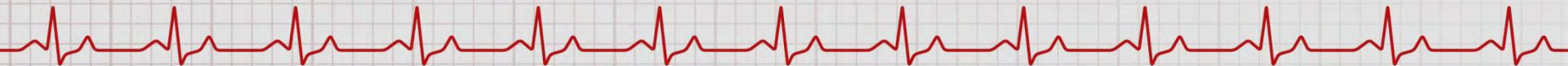
We Make It Wireless

- We got rid of the cable!
- We supply the heart pump with energy -- wirelessly!
- Energy is transmitted from the belt and received by an implanted ring.



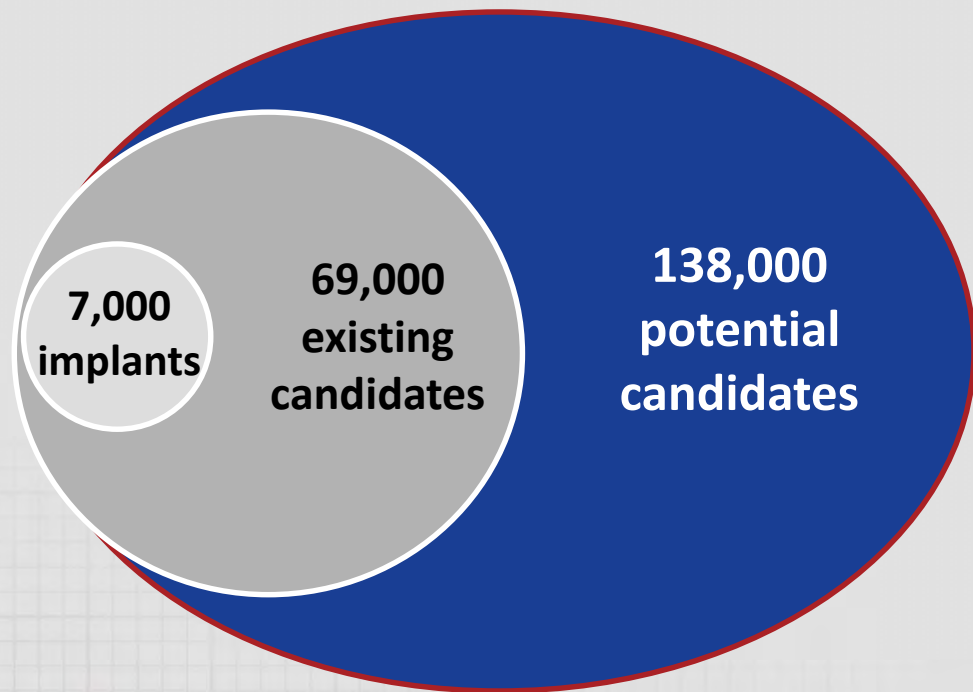
Wireless System Benefits

- Provides freedom from external components > 6 hours
- Robust: low sensitivity to movement

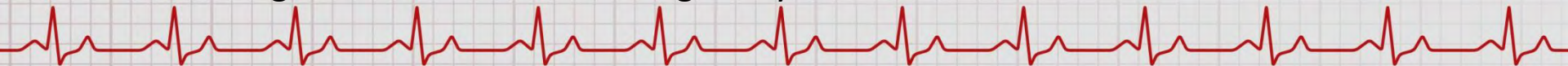


LVADs: An Under-Penetrated Market

- Less than 5% market penetration
- Leviticus' potential market for its wireless system is **US\$3.5 billion**



(a) Comparative survival and cost-effectiveness of advanced therapies for end-stage heart failure. EF Long, GW Swain and AA Mangi, May 2014.



Achievements

- Fully operational system
- ISO 13485
- Key opinion leaders on board
- 8 granted patents



A Fully Implanted System



Leaders Hold >95% of Market

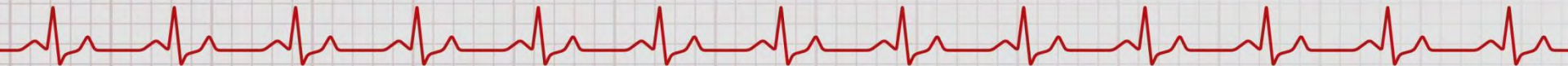
We are in cooperation with a major player and have integrated our system into LVADs of all major players.

HeartWare®



ST. JUDE MEDICAL™

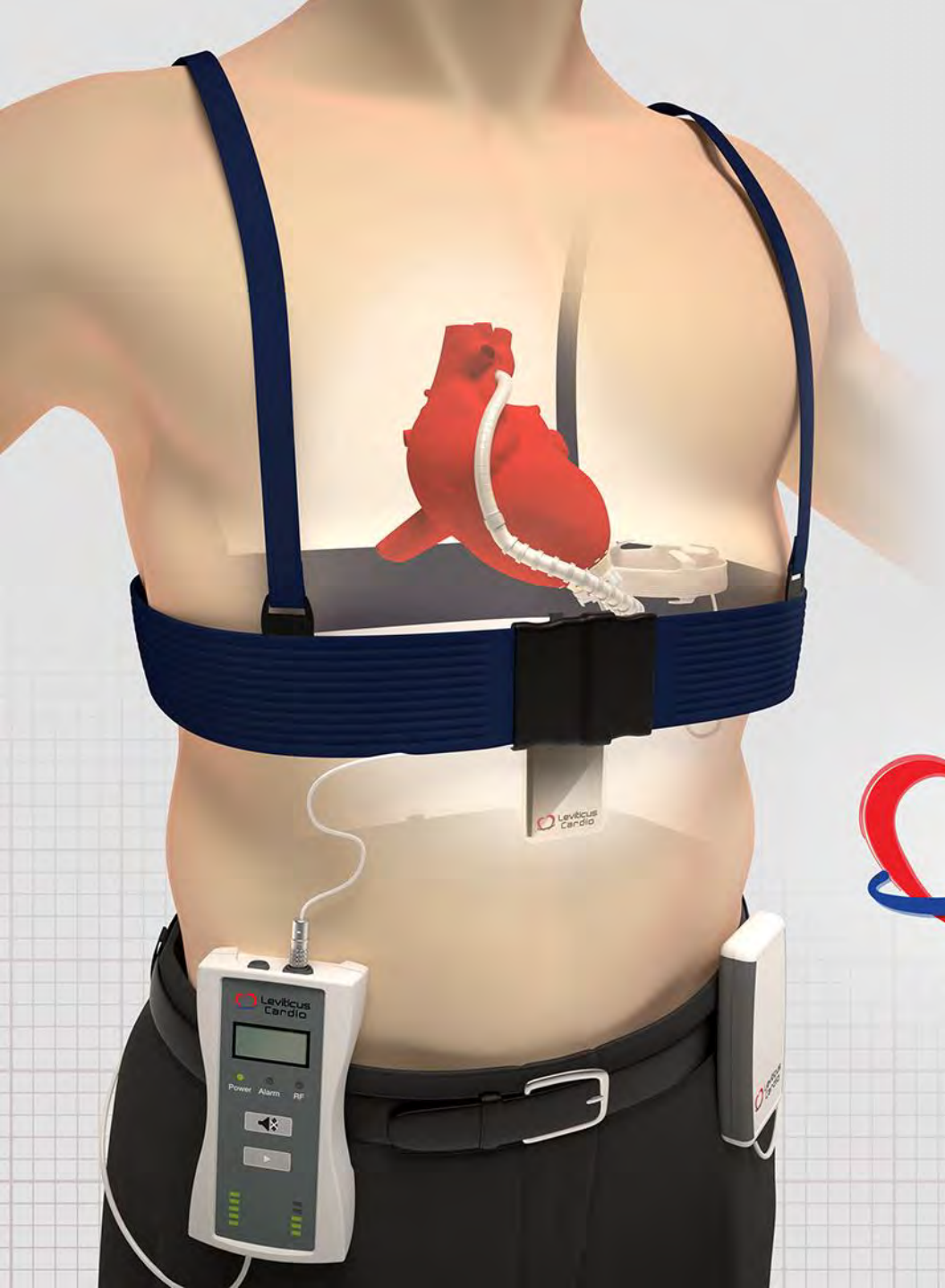
Other LVAD Players



Opportunity

- Game changer: potential to grow LVAD market
- Wireless and robust system
- Integrated with major commercial LVADs





Thank You

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