

# **Battery**



If a patient is pacemaker dependent and the battery runs out...

Poor outcome!



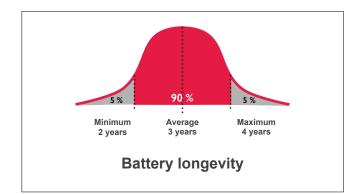
## **Variables**



- Manufacturer
- Impedance
- Percentage pacing
- Energy of the output pulse



# **Battery diagnostics**



Shorthand	Battery indicator	Device behavior	Next step
BOS	Beginning of service	Normal device behavior	Normal follow-up schedule
RRT/ERI	Recommended replacement time / Elective replacement indicator	Some functionality may be lost (e.g. rate response)	Schedule replacement
EOS	End of service	Single-chamber operation DDD → VVI	Immediate replacement

# **Longevity Indicators**

Magnet rate	Battery status	
100 bpm	Good	
90 bpm	Elective replacement near	
85 bpm	ERI	
<85 bpm	EOS	

#### Example magnet rate table

## Takeaway message



A patient's next appointment is booked no further in the future than **half the minimum** battery