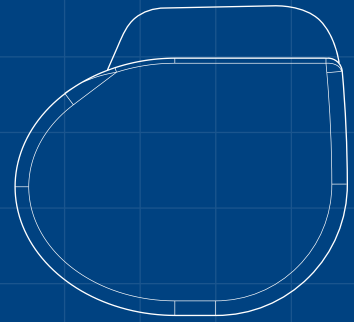


Oto™ SR



SINGLE-CHAMBER PACEMAKER

World's smallest transvenous pacemaker¹
1.5 T and 3 T Full body MR conditional

[Technical specifications](#)



MECHANICAL CHARACTERISTICS

ORDER NUMBER — **TPM019C**

SIZE — **37.4 X 41.5 X 6.1 mm**

WEIGHT — **19 g**

VOLUME — **7.5 cm³**

CONNECTOR — **IS-1**

ELECTRICAL CHARACTERISTICS

LONGEVITY IN VVIR MODE (100% PACING)* — **12 YEARS**

BATTERY TYPE — **GB8711 LITHIUM IODINE (2.8 V, 0.81 Ah)**

MAGNET RATE — **BOS: 96 min⁻¹ / RRT: 80 min⁻¹**

*60 min⁻¹ AT 2.5 V, 0.35 ms, 750 Ω, SENSORS ON,
EGMS ON & DIAGNOSTICS ON

1. REFER TO MANUFACTURERS MANUALS.

Highlights

- ✓ 12 years longevity in 7.5 cc*
With **RATIO DESIGN™**
- ✓ Automatically activates algorithms at implant
With **Auto Implant Detect**
- ✓ Fast and Easy follow-up at a click of a button
With **Smartcheck**
- ✓ Capture & sensing automaticity
With **Autosensing and Autothreshold**
- ✓ Clinical excellence standards
With **Rate smoothing**
With **Lead Polarity Safety Switch**
With **Rate Response...**

7.5 cc only

AUTOMRI™

Visit. Scan. Go.

APPROVED FOR 1.5 T AND 3 T FULL BODY MR CONDITIONAL

Ease the Workflow.

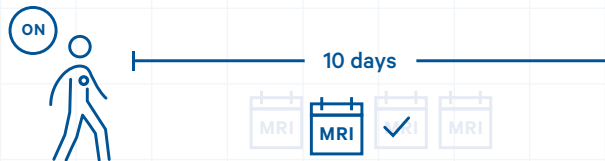
1. Patient visits the cardiologist.

Cardiologist turns AutoMRI ON.



2. There is a 10 day window where the patient can have an MRI scan.

No limitation on the numbers of scans during these 10 days.
No need to return to the cardiologist or any additional check ups etc. This allows for flexibility with scheduling MRI scans.



3. Patient enters MRI Scan.

Approaching and detecting the scan, the device switches into asynchronous MRI mode. Moving away from the scan, 5 minutes after the patient leaves, the device switches back to initial settings.



4. Patient can go home.

Without any assistance or intervention.
No visit to cardiologist, patient is free to go home autonomously.



Diagnostics Aida

(Automatic Interpretation for Diagnosis Assistance)

ALL DIAGNOSTICS

Always ON (24 hours - 6 months)

INTRACARDIAC EGM

1.5 min., A or V, 512 Hz sampling,
3 stored episodes, annotated markers,
synchronized with intracardiac EGM

EGM TRIGGERS

Atrial bursts; Ventricular bursts

HISTOGRAMS AND COUNTERS

Rate; Pacing %; Ventricular bursts and
Premature Ventricular Contractions (PVCs);
Pacing threshold follow-up;
Amplitudes of normal and abnormal waves;
over 7 days 24-hour heart rate curve

Follow-Up Functions

TEST ASSISTANT SMARTCHECK

Chained test sequence with automatic
saving/printing of results

PATIENT DATA

Detailed patient information

BATTERY STATUS

Magnet rate; Battery impedance; Battery curve

LEAD IMPEDANCE

Automatic every 6 hours

ATRIAL OR VENTRICULAR PACING THRESHOLD TEST

Simultaneous visualization of intracardiac EGM and markers

TEMPORARY PROGRAMMING

Automatic measurement of P or R amplitudes;
Simultaneous visualization of intracardiac EGM and markers

NIPS (ELECTROPHYSIOLOGIC STUDIES)

Burst, extra-stimuli sequences

IMPLANT AND FOLLOW-UP REPORT

Available paper print and electronic format (Adobe® PDF)

REFER TO USER'S MANUAL FURNISHED WITH THE DEVICE FOR COMPLETE INSTRUCTIONS FOR USE.

NOT AVAILABLE FOR DISTRIBUTION OR SALE IN THE USA.

Manufactured in Europe by MicroPort CRM.

MICROPORT CRM S.R.L.
VIA CRESCENTINO S.N. 13040 SALUGGIA (VC)
ITALY