

### TAVR Home Monitoring Pathway

## Elevate the standard of care

Elevate and create a new standard of excellence in care with Philips Mobile Cardiac Telemetry – MCOT TAVR Home Monitoring Pathway. Protect patients from potential post-discharge complications, such as sudden death due to delayed high-grade heart block (DH-AVB), that can occur days to weeks after hospital discharge through the implementation of MCOT.<sup>1</sup>

### Nearly 1/3

of the transfemoral TAVR patients who died within 30 days post-procedure were after hospital discharge.<sup>2</sup>

### Benefits



Decrease length of stay (LOS)<sup>1</sup>



Reduce sudden risk of death<sup>1</sup>



Avoid unnecessary permanent pacemaker (PPM) implantations<sup>3</sup>

# 10%

post-TAVR outpatient MCOT detected DH-AVB.<sup>4</sup>

# 9%

of patients require placement of PPMs post discharge.<sup>4</sup>

# 6 days

median time to develop DH-AVB post-procedure.<sup>4</sup>

(Range 3-24 days)

Philips TAVR Home Monitoring Pathway enables your organization to meet the 2020 ACC Expert Consensus Guidelines on TAVR which recommends post-TAVR outpatient remote monitoring within 48 hours if the patient is without clear pacemaker indications but is at risk for DH-AVB.<sup>3</sup>

# Philips TAVR home monitoring pathway

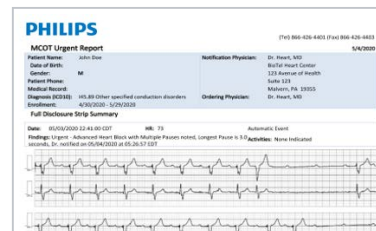
TAVR procedure valve inserted.

Hospital discharge. Philips MCOT placed on patient.

Follow-up patient management.

Up to 30 days of MCOT continuous monitoring

Diagnose and treat



MCOT near-real-time monitoring with **SmartDetectAI algorithm optimizes the capture of critical arrhythmias** such as second and third-degree heart block, bradycardia and pause.

Findings are processed in a priority queue for review by a senior cardiac monitoring technician ensuring **rapid physician notification when required.\***

**Increase patient compliance** with MCOT's simple and easy to wear patch technology that enables patients to go about their daily life with ease. Also available with lead wire and Flex wear options.

\* Based on physician customizable notification criteria.

Actionable reports provide the right data and insights to **accelerate confident, clinically smart cardiac care delivery** for quick and accurate diagnosis and treatment.

**Urgent/emergent reports** are delivered and accessible for immediate clinician review, diagnosis and intervention.\*

Daily reports are available to the clinician throughout the prescribed monitoring period (up to 30 days).

## Full Disclosure Strip Summary

Date: 06/08/2021 14:24:18 EDT HR: 23 Automatic Event  
 Findings: Urgent - Intermittent Complete Heart Block with Multiple Pauses noted, Longest Pause is 3.0 seconds, Notification in Progress Activities: None Indicated



## Detection of DH-AVB post-TAVR

Female, 70 years old

Diagnosis: DH-AVB

Findings: Intermittent complete heart block with multiple pauses noted

HR: 23

Automatic recording/no symptoms

Comments: Verbal notification

For more information, please contact your local Philips Account Executive, visit our website at [www.philips.com/ECGSolutions](http://www.philips.com/ECGSolutions) or scan this QR code.



1 Based on Physician Testimonial: Kabir Bhasin, MD, Electrophysiologist and Director of Clinical Education, Lenox Hill Hospital at Northwell Health. Northwell Health post-TAVR Monitoring Experience Comprehensive TAVR monitoring program. BioTelemetry, September 11, 2021 <https://www.gobio.com/tavr/>.  
 2 Saif Anwaruddin, Nimesh D. Desai, et al. Evaluating Out-of-Hospital 30-Day Mortality After Transfemoral Transcatheter Aortic Valve Replacement: An STS/ACC TVT Analysis Coronary. J Am Coll Cardiol Cardiovasc Interv. 2021 Feb, 14 (3) 261-274.  
 3 Lilly S, Deshmukh A, Epstein A, et al. 2020 ACC Expert Consensus Decision Pathway on Management of Conduction Disturbances in Patients Undergoing Transcatheter Aortic Valve Replacement: A Report of the American College of Cardiology Solution Set Oversight Committee. Journal of the American College of Cardiology. 2020;76(20):2391-2411. doi:10.1016/j.jacc.2020.08.050  
 4 Mobile Cardiac Telemetry utilized in this study was the ACT (Ambulatory Cardiac Telemetry) Monitor by BioTel Heart. Reference: Ream K, Sandhu A, Valle J, et al. Ambulatory Rhythm Monitoring to Detect Late High-Grade Atrioventricular Block Following Transcatheter Aortic Valve Replacement. J Am Coll Cardiol. 2019;73(20):2538-2547.

