PHILIPS

ECG Solutions

Philips Extended
Holter – ePatch

Simple. Actionable.
Efficient.

Extended Holter monitoring made easy

Philips Extended Holter – ePatch provides 3-14 day extended Holter monitoring that is simple, actionable, and efficient.

Powered by Philips medical-grade AI and flexible wear options, ePatch is designed to deliver comprehensive, actionable reports quickly based on your prescribed study length – every time.

ePatch is:

Simple

- 99% patient compliance for 14-day prescribed wear time[1]

- Application with flexible wear options to maximize patient comfort

- Design with no charging required

Actionable

- Reports with easy-to-read summary and infographics

- Results available anytime, anywhere

- Data powered by Philips medical-grade AI

Efficient

- 24-48 hour report turnaround[2] once report is received by Philips

- Expedited return shipping or in-office upload

- Enrollment in Philips portal or EMR, and EMR integration workflow to interpret and sign reports

Simplicity is more than a single patch

- Maximize the patient experience with comfortable and flexible wear options that require minimal skin preparation

- Your study won't end when a patch falls off—get up to 14 days of recording with 99% compliance[1]

- Patients can shower[3], sleep, or exercise while wearing ePatch
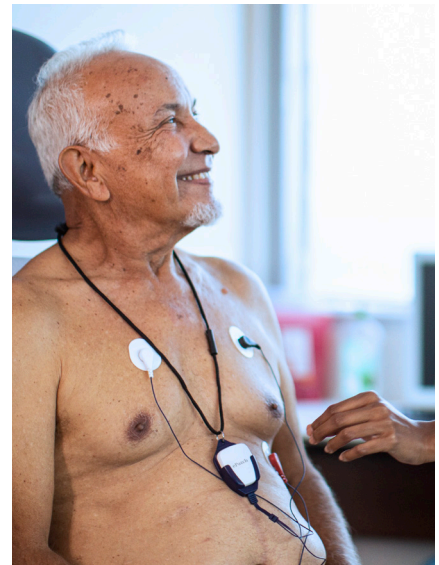
Patch
Single-channel
up to 14 days

Flex
Single-channel
up to 14 days

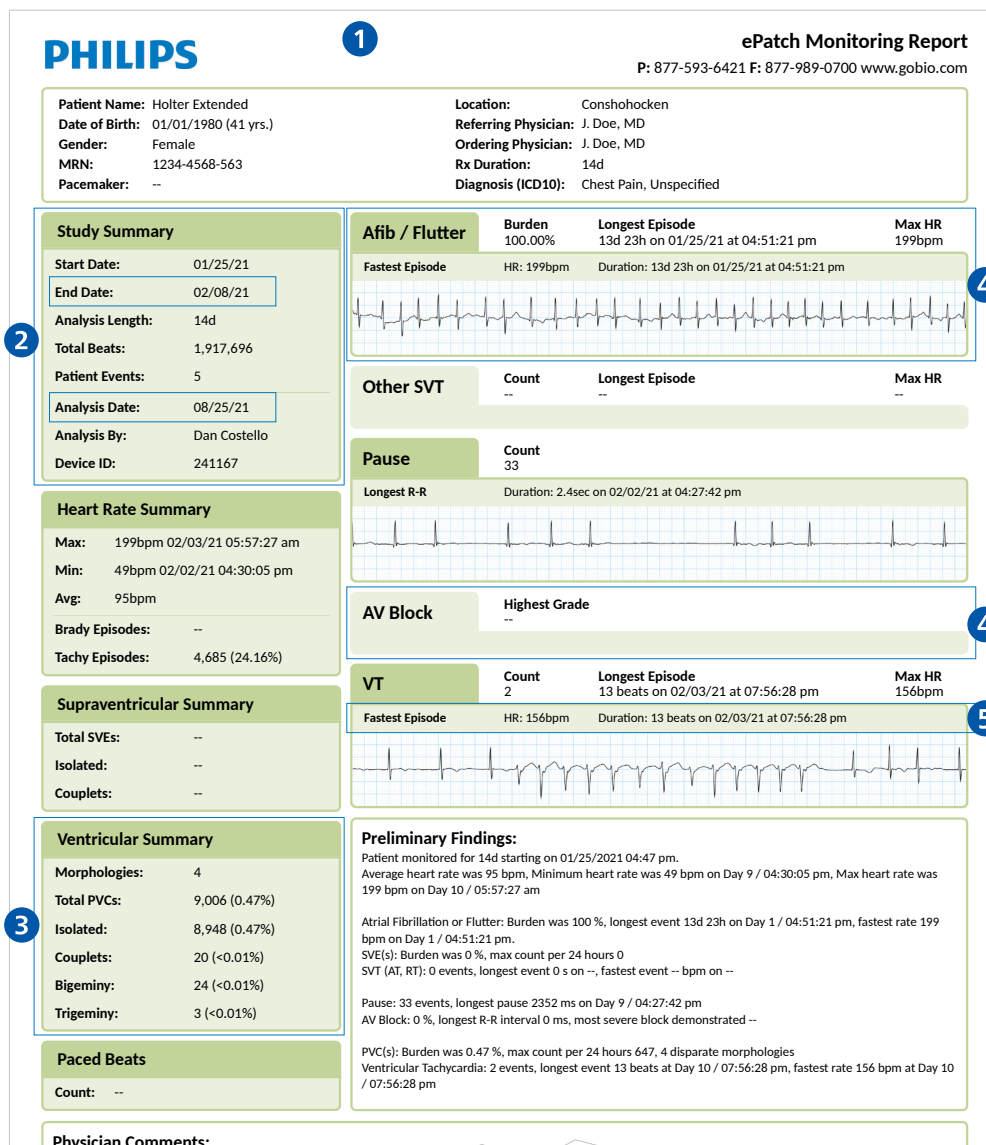**Lead Wire Adapter**
Three-channel
3-5 days only

"From a patient satisfaction, a provider satisfaction and an access perspective, ePatch is great."

Anas Daghestani, MD,
ARC President & CEO

Easy to read reports with actionable details powered by Philips medical-grade AI

Philips medical-grade AI detects and reports on more than 20 meaningful cardiac events and parameters.[4]

Report panel

PHILIPS ①

ePatch Monitoring Report
P: 877-593-6421 **F:** 877-989-0700 www.gobio.com

Patient Name:	Holter Extended	**Location:**	Conshohocken
Date of Birth:	01/01/1980 (41 yrs.)	**Referring Physician:**	J. Doe, MD
Gender:	Female	**Ordering Physician:**	J. Doe, MD
MRN:	1234-4568-563	**Rx Duration:**	14d
Pacemaker:	--	**Diagnosis (ICD10):**	Chest Pain, Unspecified

Study Summary ②

Start Date:	01/25/21
End Date:	02/08/21
Analysis Length:	14d
Total Beats:	1,917,696
Patient Events:	5
Analysis Date:	08/25/21
Analysis By:	Dan Costello
Device ID:	241167

Heart Rate Summary

Max:	199bpm 02/03/21 05:57:27 am
Min:	49bpm 02/02/21 04:30:05 pm
Avg:	95bpm
Brady Episodes:	--
Tachy Episodes:	4,685 (24.16%)

Supraventricular Summary

Total SVEs:	--
Isolated:	--
Couplets:	--

Ventricular Summary ③

Morphologies:	4
Total PVCs:	9,006 (0.47%)
Isolated:	8,948 (0.47%)
Couplets:	20 (<0.01%)
Bigeminy:	24 (<0.01%)
Trigeminy:	3 (<0.01%)

Paced Beats

Count:	--

Afib / Flutter — Burden 100.00% — Longest Episode 13d 23h on 01/25/21 at 04:51:21 pm — Max HR 199bpm ④
Fastest Episode HR: 199bpm Duration: 13d 23h on 01/25/21 at 04:51:21 pm

Other SVT — Count -- — Longest Episode -- — Max HR --

Pause — Count 33
Longest R-R Duration: 2.4sec on 02/02/21 at 04:27:42 pm

AV Block — Highest Grade -- ④

VT — Count 2 — Longest Episode 13 beats on 02/03/21 at 07:56:28 pm — Max HR 156bpm ⑤
Fastest Episode HR: 156bpm Duration: 13 beats on 02/03/21 at 07:56:28 pm

Preliminary Findings:
Patient monitored for 14d starting on 01/25/2021 04:47 pm.
Average heart rate was 95 bpm, Minimum heart rate was 49 bpm on Day 9 / 04:30:05 pm, Max heart rate was 199 bpm on Day 10 / 05:57:27 am

Atrial Fibrillation or Flutter: Burden was 100 %, longest event 13d 23h on Day 1 / 04:51:21 pm, fastest rate 199 bpm on Day 1 / 04:51:21 pm.
SVE(s): Burden was 0 %, max count per 24 hours 0
SVT (AT, RT): 0 events, longest event 0 s on --, fastest event -- bpm on --

Pause: 33 events, longest pause 2352 ms on Day 9 / 04:27:42 pm
AV Block: 0 %, longest R-R interval 0 ms, most severe block demonstrated --

PVC(s): Burden was 0.47 %, max count per 24 hours 647, 4 disparate morphologies
Ventricular Tachycardia: 2 events, longest event 13 beats at Day 10 / 07:56:28 pm, fastest rate 156 bpm at Day 10 / 07:56:28 pm

Physician Comments:

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① Front-page summary with detailed sub-reports.
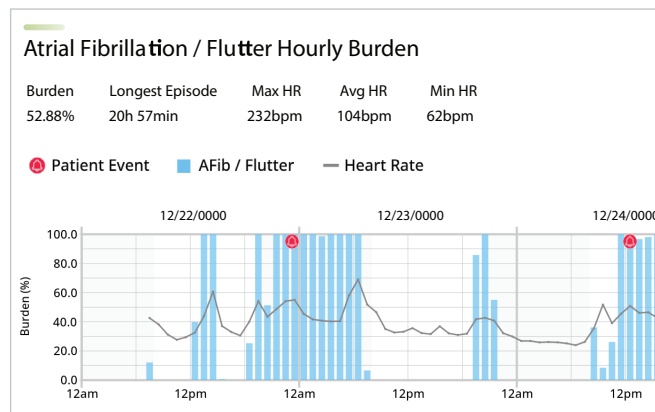
② Your analysis in ≤ 24 hours.

③ PVC morphology.

④ Dynamic coloring allows for easier recognition of arrhythmia detection.

⑤ Afib, SVT and VT include date and timestamps for both longest and fastest episodes.
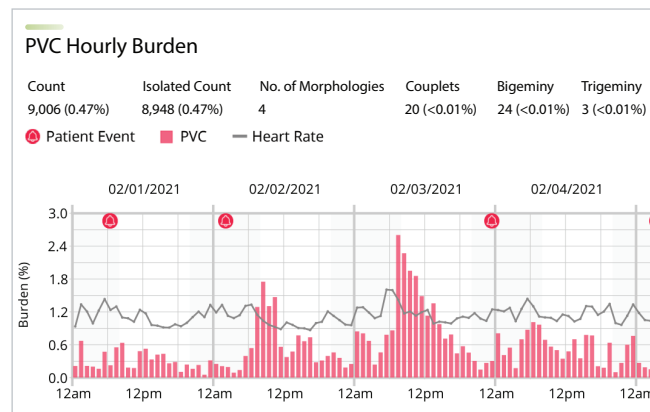

"Philips met with us to give us a summary page that is actually useful."
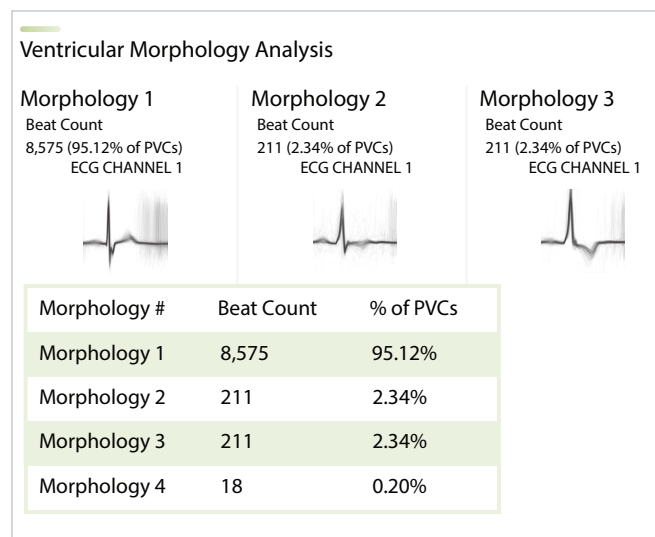
Parul M. Desai, MD, ARC Chief Cardiology
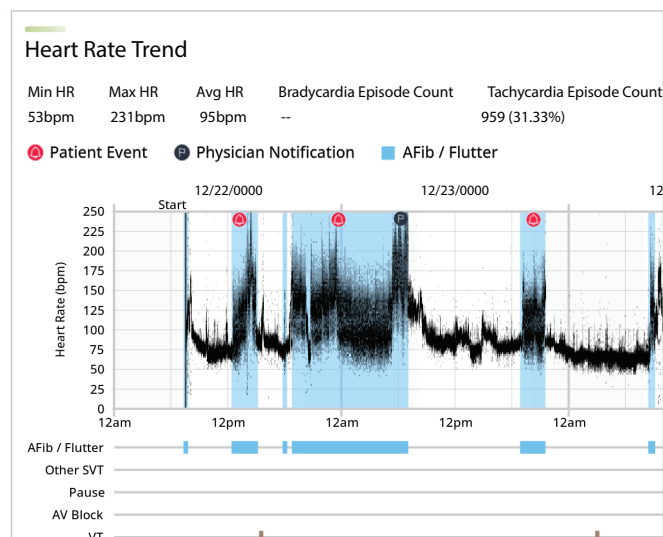
Atrial Fibrillation / Flutter Burden

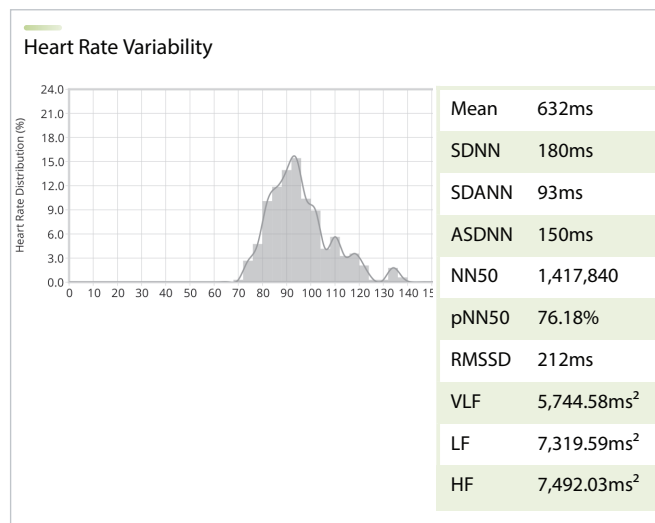## Atrial Fibrillation / Flutter Hourly Burden

Burden	Longest Episode	Max HR	Avg HR	Min HR
52.88%	20h 57min	232bpm	104bpm	62bpm

🅐 Patient Event ▮ AFib / Flutter — Heart Rate

PVC / PAC Burden

PVC Hourly Burden

Count	Isolated Count	No. of Morphologies	Couplets	Bigeminy	Trigeminy
9,006 (0.47%)	8,948 (0.47%)	4	20 (<0.01%)	24 (<0.01%)	3 (<0.01%)

🅐 Patient Event ▮ PVC — Heart Rate

PVC Morphology

Ventricular Morphology Analysis

Morphology 1
Beat Count
8,575 (95.12% of PVCs)
ECG CHANNEL 1

Morphology 2
Beat Count
211 (2.34% of PVCs)
ECG CHANNEL 1

Morphology 3
Beat Count
211 (2.34% of PVCs)
ECG CHANNEL 1

Morphology #	Beat Count	% of PVCs
Morphology 1	8,575	95.12%
Morphology 2	211	2.34%
Morphology 3	211	2.34%
Morphology 4	18	0.20%

Heart rate trend

Heart Rate Trend

Min HR	Max HR	Avg HR	Bradycardia Episode Count	Tachycardia Episode Count
53bpm	231bpm	95bpm	--	959 (31.33%)

🅐 Patient Event 🅟 Physician Notification ▮ AFib / Flutter

Heart Rate Variability

Heart Rate Variability

Mean	632ms
SDNN	180ms
SDANN	93ms
ASDNN	150ms
NN50	1,417,840
pNN50	76.18%
RMSSD	212ms
VLF	5,744.58ms²
LF	7,319.59ms²
HF	7,492.03ms²

QT Analysis

QT Analysis

QT min	294ms	QTcB min	405ms
QT avg	356ms	QTcB avg	449ms
QT max	409ms	QTcB max	487ms
		QTcB > 460ms	31.68%

Efficient end-to-end workflow

Easy enrollment and application

Order ePatch in Philips portal or your EMR

Apply in-office or choose mail to patient option

Simple and fast return

Pre-paid return packaging accelerates report availability

In-office upload allows results to be available in 24 hours

Efficient report reading and accessibility

Easy-to-read reports for fast diagnosis

Access patient data plus interpret and sign reports in Philips portal or your EMR

CPT Codes[5]	3-7 days	7+ days
Global	93241	93245
Hook-Up	93242	93246
Technical	93243	93247
Professional	93244	93248

Going beyond traditional patient care with extended Holter monitoring

What are you missing with 24-48 hour monitoring?
ePatch gives you more diagnostic yield in a single test.

Legend: Symptomatic / High grade heart block / AF Pause / Sinus Pause

Y-axis: Percentage of patients with Arrhythmia
X-axis: Days

3x greater findings

When comparing physician notifications of traditional Holter at 24 hours with ePatch at 14 days.[6]

10%
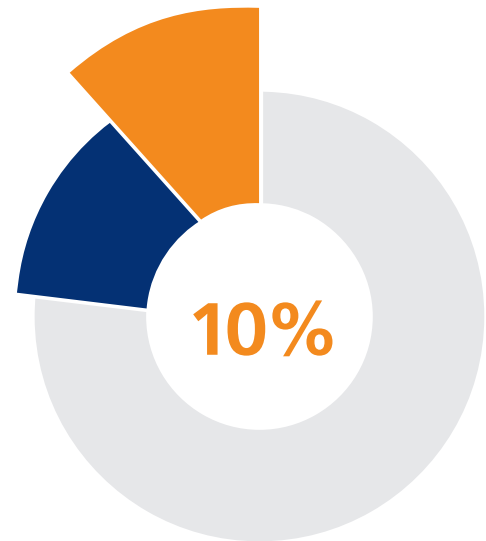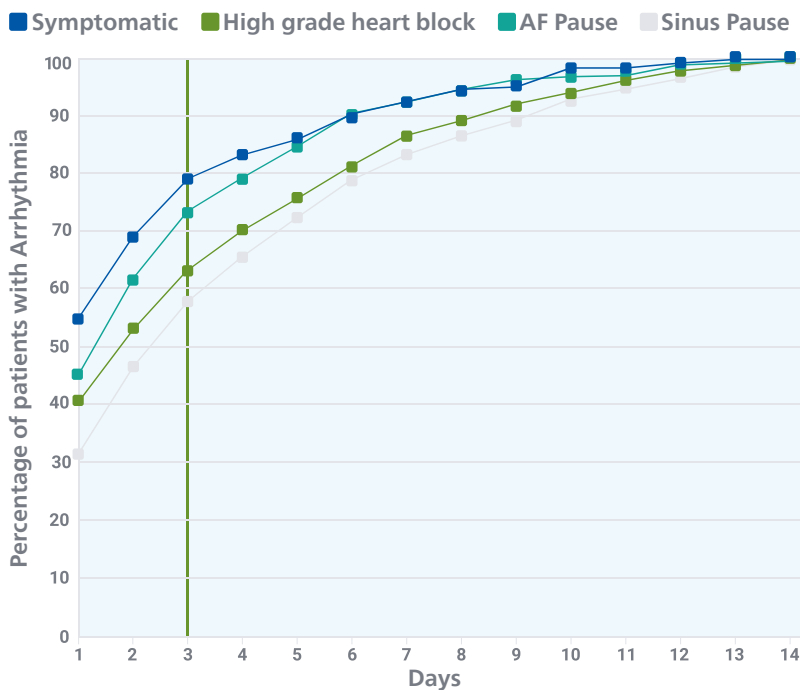
>10% with extra day

By extending Holter monitoring from 48 hours to 3 days, evidence shows a 10% greater yield in potentially high-risk arrhythmia detection.[7]

Prescribe ePatch today for a complete diagnostic solution that is simple, actionable, and efficient.

PHILIPS

For sales and inquiries or to schedule a demo, visit gobio.com/epatch or scan the QR code.

www.philips.com

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