Abbott

ASSERT-IQ™
INSERTABLE CARDIAC MONITOR (ICM)

DISCOVER ASSERT-IQ™ 3 ICM

PRECISION MEETS SIMPLICITY IN CARDIAC MONITORING

As a pioneer of the world's first Bluetooth® - enabled insertable cardiac monitor (ICM), Abbott proudly introduces the Assert-IQ 3 ICM. Designed for the dynamic environment of the office and clinic settings, this new model encapsulates the essential features most valued in an ICM.

Equipped with advanced algorithms for enhanced arrhythmia detection accuracy and clear, crisp EGMs for superior P-wave visualization, Assert-IQ 3 ICM is engineered to support quicker, more informed clinical decision making.[1-4]

SyncUP™ Remote Monitoring Support ensures patients are effortlessly connected and reliably monitored, offering you timely and consistent diagnostic data. Experience the evolution of cardiac monitoring in your practice today.

ADVANCED ALGORITHMS

FALSE DETECTION REDUCTION FOR AF AND PAUSE [1,2,5]

5 **5-step AF detection discriminator**
focuses on R-R interval patterns and P-waves in EGMs to verify if an event is true or false

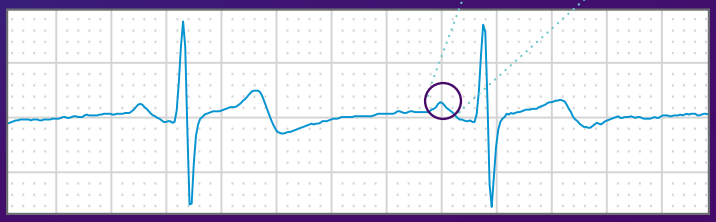
Assert-IQ ICM's AF algorithm
REDUCES DATA BURDEN BY

21%

compared to the latest version of LINQ II‡ *[1,6,7]

CLEAR, CRISP EGMS

Improved visualization of P-waves,
which could lead to faster care decisions[4]



A LEADER IN ICM BLUETOOTH® TECHNOLOGY

HELPING PATIENTS GET CONNECTED AND STAY CONNECTED

20

Advanced Bluetooth® technology checks in every **20 SECONDS** with a connected device to capture, encrypt, and transfer data to the Merlin.net™ Patient Care Network (PCN) quickly and easily.

RELIABLE SUPPORT FOR REMOTE MONITORING

SyncUP™ Remote Monitoring Support experts provide one-on-one education to help patients understand how remote monitoring works - all from the comfort of their home. Clinics enrolled in the program receive a weekly report on remote patient monitoring compliance, which helps streamline workflow.

ASSERT-IQ™ ICM | PATIENT SMARTPHONE | CLINICIAN PORTAL

*Patients can use an Abbott-provided mobile transmitter if they do not have a compatible smartphone

ASSERT-IQ™ 3 ICM

Actual size represented below.

ORDERING INFORMATION

Contents: ICM device, insertion tool, and incision tool

MODEL NUMBER	DM5000
DESCRIPTION	Assert-IQ™ 3 ICM
DIMENSIONS (H x L x T, mm)	46.5 x 9.4 x 3.1
VOLUME (cm)	1.2
LONGEVITY	3 years
KEY ESSENTIAL FEATURES	• Latest Advanced Algorithms for Arrhythmia Detection • 5-Step AF Detection • Programmable AF Sensitivity • Key Episode Technology • Enhanced EGM Clarity

Contact your Abbott Sales Representative

REFERENCES:

1. Gopinathannair R, Lakkireddy D, Manyam H, et al. Improving the Specificity of Atrial Fibrillation and Tachycardia Detection in an Insertable Cardiac Monitor. Presented at Heart Rhythm Society (HRS); San Francisco, USA; 2022.
2. Afzal MR, Gopinathannair R, Manyam H, et al. Development and Evaluation of a New Algorithm Enhancement to Improve Specificity of Pause Detection in an Insertable Cardiac Monitor. Presented at Heart Rhythm Society (HRS); San Francisco, USA; 2022.
3. Gardner RS, Quartieri F, Betts TR, et al. Reducing the Electrogram Review Burden Imposed by Insertable Cardiac Monitors. J Cardiovascular Electrophysiology. 2022;33(4):741-750. doi:10.1111/jce.15397
4. Shehata MM, Nair DG, Qu F, et al. Insertable Cardiac Monitor P-wave Visibility in a New Clinical Report. Presented at Asia Pacific Heart Rhythm Society (APHRS); Bangkok Thailand; 2022.
5. Data on File. Abbott - Report SJM-CFM-0919-0163.
6. Radtke, et al. Artificial Intelligence Enables Dramatic Reduction of False Atrial Fibrillation Alerts from Insertable Cardiac Monitors. Presented at Heart Rhythm Society (HRS); Boston, USA; Aug 2021.
7. Data on File. Abbott - Report 90986479A; AF EGM Burden Reduction in Assert-IQ ICM.

*As of 12.31.22, LINQ II‡ with AccuRhythm‡ AI. EGM burden comparison is based on two independent, random, real-world data sets. Patient characteristics and device programming may differ.

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Rx Only

Brief Summary: Prior to using these devices, please review the Instructions for Use for a complete listing of indications, contraindications, warnings, precautions, potential adverse events and directions for use.

Indications for Use: The Assert-IQ™ ICM is indicated for the monitoring and diagnostic evaluation of patients who experience unexplained symptoms that may be cardiac-related such as: dizziness, palpitations, chest pain, syncope, and shortness of breath, as well as patients who are at risk for cardiac arrhythmias such as bradycardia, tachycardia, and sinus pauses.

The Assert-IQ ICM is also indicated for patients who have been previously diagnosed with atrial fibrillation (AF) or who are susceptible to developing AF. The Assert-IQ ICM is intended to be inserted subcutaneously in the left pectoral region, also described as the left anterior chest wall. The Assert-IQ ICM has not been specifically tested for pediatric use.

Intended Use: The Assert-IQ ICM is intended to help physicians and clinicians monitor, diagnose and document the heart rhythm in patients who are susceptible to cardiac arrhythmias and unexplained symptoms by detecting arrhythmias and transmitting data for review.

Contraindications: There are no known contraindications for the insertion of the Assert-IQ ICM. However, the patient's particular medical condition may dictate whether or not a subcutaneous, chronically inserted device can be tolerated.

Potential Adverse Events: Possible adverse events (in alphabetical order) associated with the device, include the following: allergic reaction, bleeding, chronic nerve damage, erosion, excessive fibrotic tissue growth, extrusion, formation of hematomas or cysts, infection, keloid formation and migration.

Refer to the User's Manual for detailed indications for use, contraindications, warnings, precautions and potential adverse events.

An Abbott mobile transmitter is available for patients without their own compatible mobile device.

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