

AF Alert Management*

Focus on actionable AF events

NEW

Atrial arrhythmia alerts: the major alert burden for remote monitoring teams

Atrial arrhythmias are one of the most commonly occurring alerts in cardiac remote monitoring. However, not all alerts related to atrial burden trends may be clinically relevant, as they may correspond to a known and treated condition and fail to highlight changes requiring attention. For a medical center following 1,000 patients, spending 2 minutes to review each alert would total **32 hours per month!**

AF Alert Management, a new algorithm tackling alert noise from atrial arrhythmia

AF Alert Management is a CE-marked algorithm that analyzes:

- Device data, such as atrial burden raw data
- Clinical data, such as anticoagulant medications

The algorithm has two actions:

1. **Filters out** noisy and irrelevant manufacturers "atrial burden above threshold" alerts, during the period when patients take anticoagulants
2. **Triggers smart alerts** notifying of any significant changes in AF care

Implicit's algorithm can help classify the following scenarios in line with ESC recommendations:

- Consider proposing therapies to the patient, such as ablation (Paroxysmal AF, increasing paroxysmal AF, persistent AF)
- Assess the success of therapies (Back to sinus rhythm or to paroxysmal AF)

Focus on the major stages in the AF trend of the patient

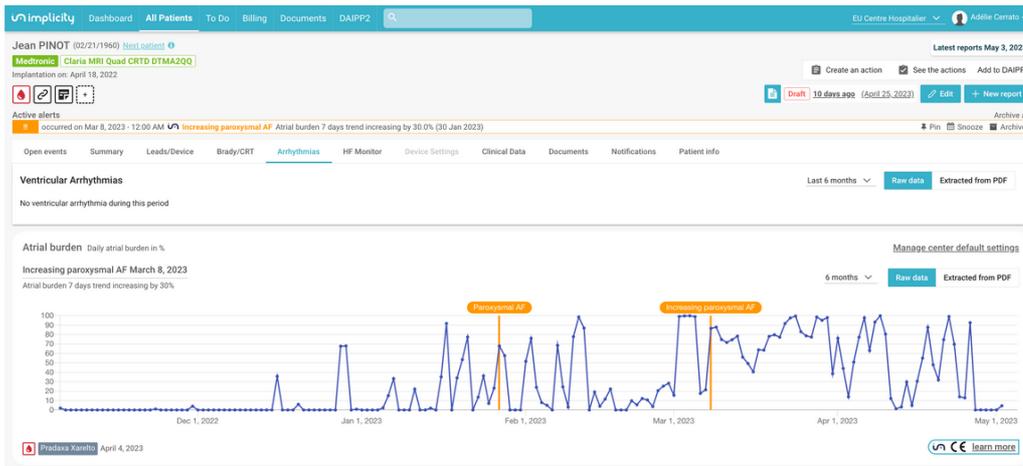
- Reduce the atrial burden alerts
- Identify the significant changes in the atrial burden history of the patient

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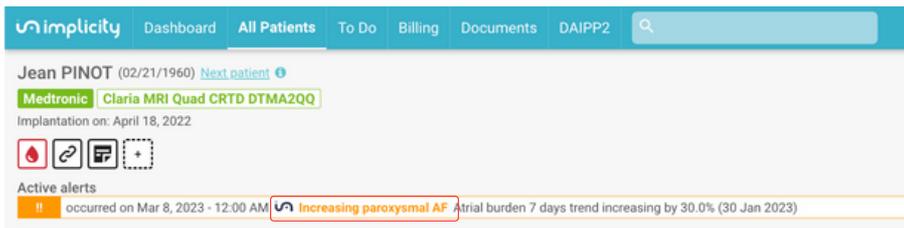
AF Alert Management: a smart follow-up of the AF burden trend



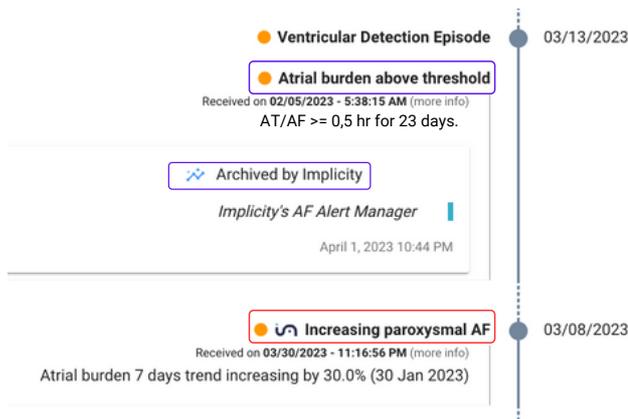
The current AF status of the patient is displayed, including the date and details

The full history of the patient's AF statuses is synchronised with the AF burden trend graph

AF Alert Management: a simple display on the Implicity platform



The Implicity logo appears before each Smart Alert



Manufacturer alerts are automatically archived - as the patient is taking anticoagulants, and only appears in the timeline

The timeline will display the Implicity logo to indicate alerts that have been triggered by the AF Alert Management algorithm