

Corrective Action for MRI Systems

(MRT-2020)

To our customers:

CC: Chairman Medical Board and relevant head of department

Thank you for using our superconducting MRI systems.

It has been found that when an operator uses respiratory gating with Steady Mode ON in Spin Echo sequence scanning, the SAR value displayed on the console may be lower than the actual SAR value.

We have decided to take the following corrective action to address this problem. We apologize for any inconvenience that this may cause you, and appreciate your kind understanding and cooperation.

Description

1. Applicable systems
MRI system Vantage Elan

<Models>
MRT-2020/G1

2. Details of the phenomenon
When an operator uses respiratory gating with Steady Mode ON in Spin Echo sequence scanning, the SAR value displayed on the console may be lower than the actual SAR value.
3. Description of the Problem
The Problem is a software bug of simulating the SAR value before scan
4. Corrective action
Field modification will be performed to install software in which this phenomenon has been corrected.
5. Request to customers
The schedule for on-site modification will be announced as soon as possible. Until the modification is completed, please use the workaround below to avoid scanning with incorrect SAR.

<Workaround>

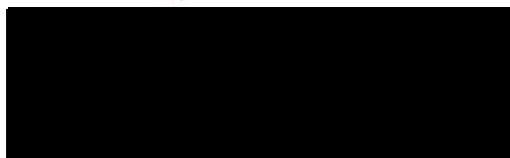
When using respiratory gating with Steady Mode ON, do not use Spin Echo sequences.

If you wish to use respiratory gating with Steady Mode ON, use Fast Spin Echo sequences.

Please share this information with all users and reviewing radiologists as well as the clinical engineering or biomedical group at your facility.

If you have any questions regarding this matter, please contact your Canon Medical Systems service representative.

Reported By:



Name/signature

Acknowledged By:



Name/Signature

