

## **Title: Artefacts, Eh? An Artefact Gameshow**

### **Highlights**

- Artefacts to defy the imagination!
- Explanations from an all-star cast of artefact experts!
- Prizes!

### **Target Audience:**

Anyone wanting to expand their ability to identify and correct artefacts encountered in MRI.

### **Objectives:**

Upon completion of this course, participants should be able to:

- Classify and evaluate principle categories of artefacts;
- Identify sources of commonly encountered artefacts and implement methods to avoid them; and
- Recommend further tests for problem solving and troubleshooting artefacts.

### **Description:**

The purpose of this course is to introduce the audience to image artefacts that may occur when using MRI, to explain what causes these artefacts, and to offer some ways to mitigate these artefacts. The course information will be presented in a light hearted “game show” format where “contestants” will be asked to answer a series of questions about the artefacts being presented. Audience participation through the audience response system will be encouraged. Following these short “game show” segments, experts in the field will offer brief presentations discussing the appearance of the artefacts, the physics causing the artefacts and practical methods to avoid or minimise them.