

## SMRT Student Scope Submission

The following is a checklist for you to follow when submitting your Student Scope for presentation and posting on the SMRT Web Page. Please follow these guidelines to ensure successful submission. Please remember to check grammar and spelling prior to submission. This submission should be reviewed by your supervisor or mentor.

### Title and Author(s)

- ☐ Include title of your submission and any collaborator as co-authors

Title

Authors

Supervisor Name

Date of Submission

### Introduction or Patient History

- ☐ This portion of your submission should include relevant details regarding your study. If your study is a specific subject, some history should be given. **Subject id, date of birth should not be used.**  
Example: "A 41-year-old male complaining of low back pain. Previous imaging studies include x-ray and CT. The findings were negative. "

If your submission involves an interesting protocol, you should include the following: Number of studies, reason for study, and any other relevant information. Example: "This MR imaging study of the pelvis was conducted on 10 females between the ages of 24 and 36 for severe pelvic pain. Other imaging studies including x-ray and ultrasound were negative."

### Patient Preparation and Scan Set up

- ☐ This portion of your submission should include details regarding patient prep prior to the scan if required and all scan setup details. Example: "A Siemens 1.5Tesla MR scanner with high-speed gradients and V3A software was used for this study. The subject was screened prior to the MR exam according to MR safety guidelines. The subject was positioned supine on the Siemens phased array spine coil. Earplugs were used for patient comfort and noise reduction. The patient was immobilized with the use of comfort bands placed around the lower abdomen."

### **MR Imaging Parameters**

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This portion of your submission should include all relevant scanning parameters. Please use attached protocol sheet, if helpful. Include pulse sequence type, manufacturer's identification and parameters, TR, TE Slice thickness, FOV, Bandwidth, number of signal averages -- all information required to duplicate this study.

### **Findings and Discussions**

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This portion of your submission should include your findings or discussion regarding lessons learned through this project. What was the outcome of the study for the subjects? Were there positive findings? Will this change the course of treatment for the subject? Was it beneficial? Were there unexpected findings? Did you learn something that will change your current mode of practice? Example: This imaging study caused our department to revise our current MR parameters to include this sequence as it provided additional information for diagnosis of pelvic disease OR This sequence was useful, but patient compliance issues may make it difficult to reproduce in a routine fashion.

### **Conclusions**

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This portion of your submission should summarize what you learned by conducting the study. It can include personal education as well as subject benefits. Example: "MR imaging of the pelvis for pelvic pain in 50% of the cases provided a diagnosis where other modalities were unable to provide a diagnosis. In addition, I learned new techniques for imaging the female pelvis."

### **References**

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References are an important part of submission. If you reviewed other publications prior to choosing this topic or if other investigators have researched this topic, please provide a list of publications.

### **Images**

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Example MR images should be included in your submission. Images should be sent in .jpg format on a CD or by e-mail. All subject information, i.e. name and date of birth, MUST be removed prior to submission.