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Dear Editor,

I am pleased to present our technical report entitled "DICOM Attribute Manipulation Tool: Easily Change Frame of Reference, Series Instance, and Study Instance UID."

With respect to the contributions of this work, we feel that it deserves consideration within this journal for several reasons. First, slight variations in patient movement are common between scan acquisitions. Not breaking this inherent registration results in a systematic error for contour propagation or delineation between the two scans. Second, when breaking the registration, software often changes a variety of attributes (anonymize patient ID, changing creation date, series, and study instance UIDs), this introduces the possibility for errors in properly relabeling these attributes and makes it difficult to identify what changes occurred at a later time.

We present a simple, user-friendly software which enables the user to change the three most commonly changed attributes within our own clinic: the frame of reference, the series instance UID, and the study instance UID. The software is built on open-source packages of FellowOak and SimpleITK, and compiled with C# .NET framework 4.8 (the standard in 2023). The program can be easily distributed and run on any Windows computer.

We believe this program can be useful in the radiation oncology community, and hope it can alleviate some of the stress and uncertainty in manipulating DICOM files.

We hope this work will be found appropriate for Advances in Radiation Oncology.

Sincerely,

Brian M Anderson, PhD

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