**Exporting movies from RadiAnt Dicom Viewer for use in 360° Montage Viewer**

This document assumes that:

* You know how to install and use the most recent RadiAnt Dicom viewer
* You can load a Dicom radiographic dataset into RadiAnt
* You know how to use the 3D Volume Rendering tool in RadiAnt

**Prepare view before rendering to a movie**

* Load your dataset and open the 3D Volume Rendering tool
* Adjust the colour and opacity to bring out the important details
* Adjust the rotation, pan and zoom so that a full 360° rotation (either vertically or horizontally) of the subject will fill as much of the view as possible without cropping out important details.
* If one dimension of the subject is much longer than the others (eg a limb) then align the longer dimension horizontally even if the required view is vertical. Do this to fill as much of the view as possible. The image can be rotated 90° at a later stage when the movie is processed to create the 360 view.

**Export movie**

* Click *Save* in the ribbon at the top of the 3D Volume Rendering tool and choose *Export movie > Quick movie*
* Choose 360° rotation and either *Horizontal* or *Vertical*
* Recommendations for the remaining parameters are:
  + HD1080p (16:9)  
    (It’s better to have a movie with too high a resolution than one that is too low. The movie is down sampled when it is processed to create the 360 view.)
  + Frames per second 30
  + Total length (sec) 4  
    (120 frames will give more options for the 360 montage layout.)
* Make a note of the total number of frames in the exported video. This is displayed in the bottom left corner while the movie is rendering. This value sometimes differs slightly from what you would expect based on the *frames per second* and *total length.* Knowing the number of total frames may help when the movie is processed to create the 360 view.