XCAT library of anatomical models for CT imaging research

In addition to the standard male and female adult anatomies of the XCAT, we also developed several other models based on CT imaging data. Each model includes the same amount of detail as the original XCAT phantoms and includes parameterized models for the cardiac and respiratory motions. The models range in age from newborn (8 weeks) to elderly adult (78 years old) and cover various height and weight percentiles. Each anatomy was designed to work with the XCAT phantom program (3434) and can also be saved in a variety of 3D modeling formats (dxf, step, stl, sat, iges, obj, etc.).

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Inventor(s)

- Segars, William "Paul"
- Frush, Donald
- Samei, Ehsan
- Sturgeon, Greg

College

School of Medicine (SOM)

For more information please contact

Chang Villacreses, David
9196683401
david.chang.villacreses@duke.edu