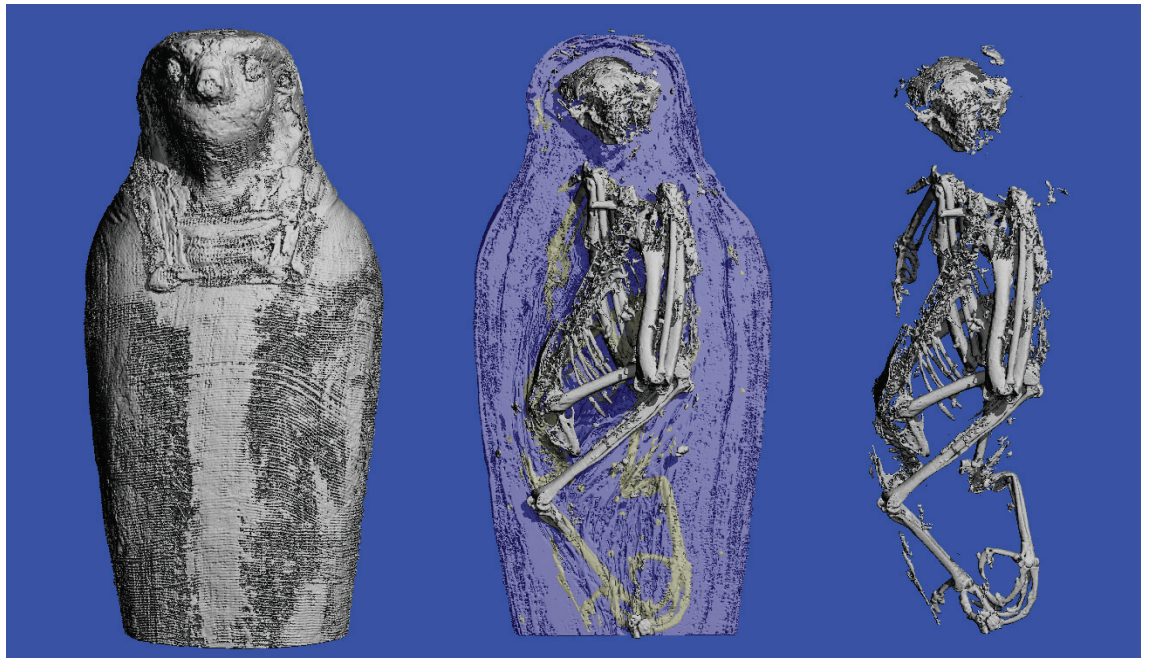


Looking inside a mummy

In ancient Egypt the falcon represented the god Horus and they were often mummified and buried with their masters. This mummified falcon from the Archeological Collection of the University of Zürich dates from approximately 400 BC. Microcomputed Tomography enables non-destructive examination of the interior of an object and the SCANCO XtremeCT II that was used for scanning the mummy combines a large field of view with the best achievable resolution. It has a rotating gantry so that the mummy could remain in a fix position to avoid damaging. The images were reconstructed and visualized using the SCANCO Software package and 3D Viewer.



SCANCO Equipment

XtremeCT II

Scan parameters

Energy: 68 kVp

Field of View: 140 mm

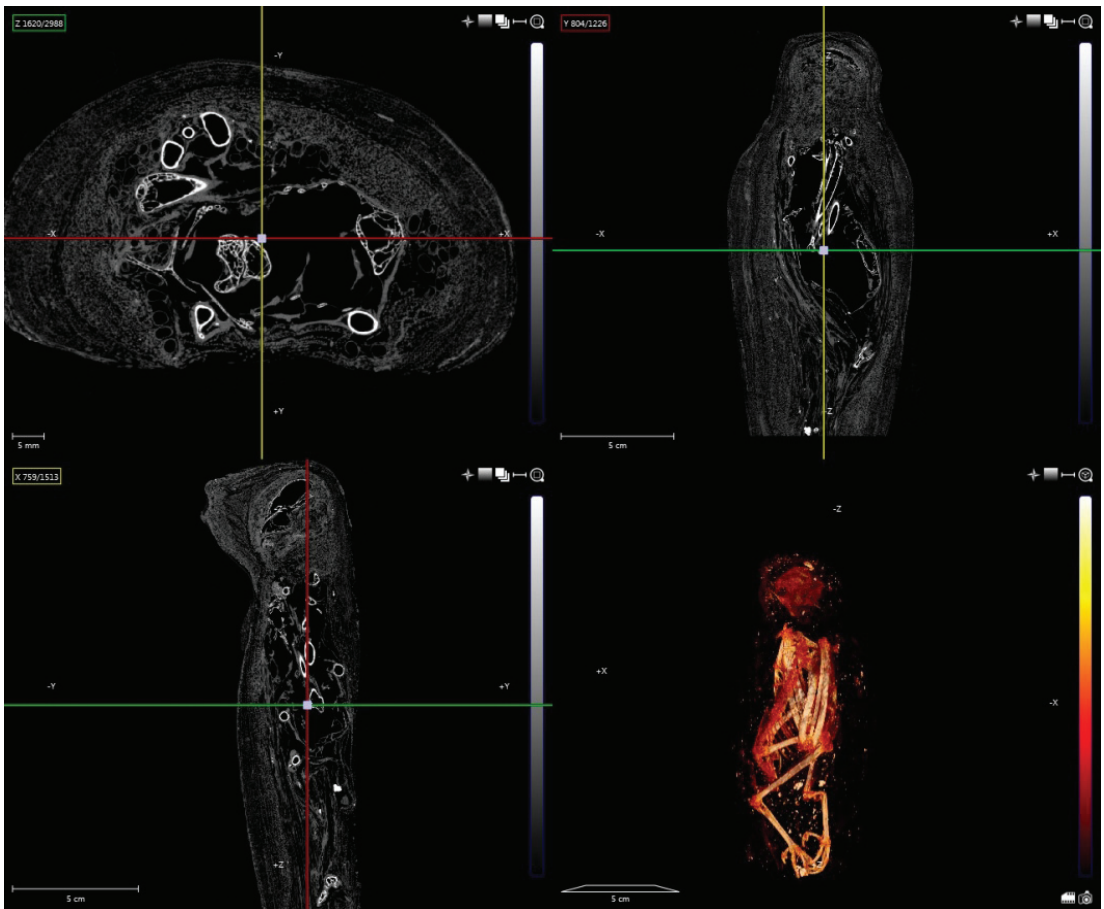
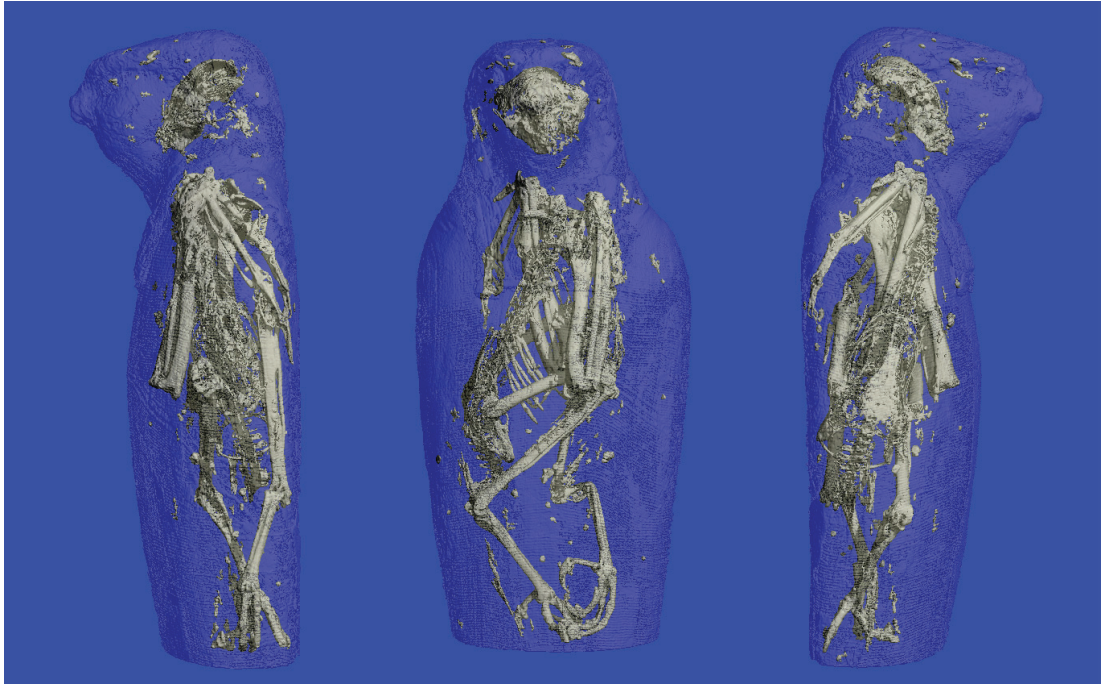
Resolution: 60.7 μm

Integration time: 200 ms

Projections: 1800/180°



SCANCO MEDICAL



application note