The case is cracked

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What are we dealing with?

- HAC hyaline articular cartilage
- ACC articular calcified cartilage
- SCB subchondral bone
- MF mineralising front (tidemark) of ACC
- OA osteoarthritis, human and horse
- POD palmar osteochondral disease in horses
- PMMA poly-methyl-methacrylate
- BSE backscattered electrons in SEM
- CSLM confocal scanning light microscopy
- uCT, XMT x-ray microtomography
- uXR digital microradiography, Faxitron
- IKI solution of iodine in potassium iodide, triiodide
- AmmIII solution of iodine in ammonium iodide, triiodide
- IVAP iodine vapour staining
The tip of the iceberg?

Sailing by: The Iceberg, c.1875, was inspired by oil sketches Church had made in 1859
Microstructural changes in cartilage and bone related to repetitive overloading in an equine athlete model

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