
Paleoradiology and N.D.T. by X-rays - Visual abstracts about Radiology and the past: secrets unveiled /
Paleorradiologia e A.N.D. por Raios-X — Abstractos Visuais sobre Radiologia e o Passado

“Revealing the Hidden Value of Ancient Roman Finds”

“Revelando Valores Ocultos em Achados Romanos Antigos”

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VISUAL ABSTRACTS about RADIOLOGY and the PAST: secrets unveiled

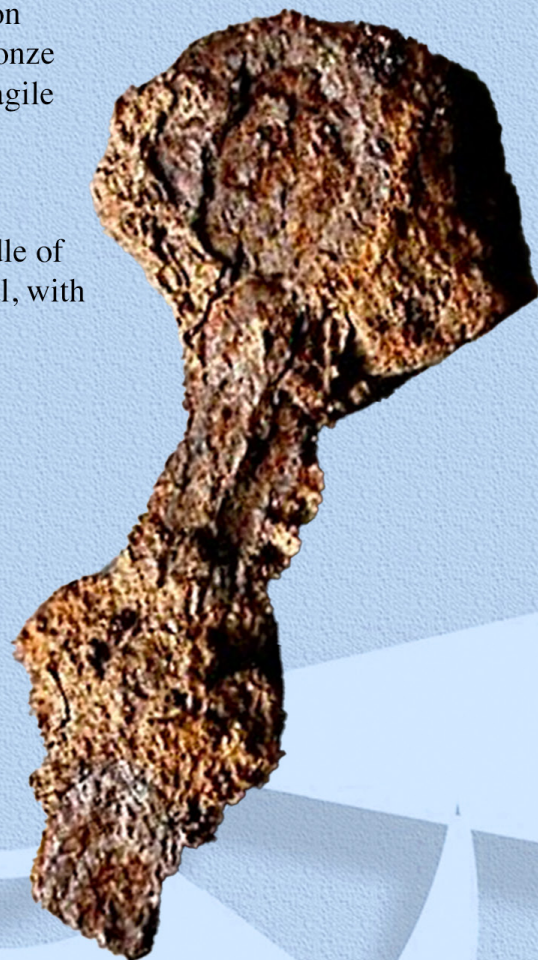
SPRMN — Section of Paleoradiology e N.D.T. by X-Rays (case n°6)

Revealing the Hidden Value of Ancient Roman Finds

Many Roman finds look like worthless lumps, due to heavy corrosion and soil concretion, hiding original shapes and features. Iron and bronze objects often degrade beyond visual recognition. Besides that, its fragile structure makes manual inspection risky, and above all, impossible to achieve to every found object.

The piece on the right was unknown, admitting a possible handle of a sword or dagger. Being one of many pieces of possible appeal, with an absolute lack of time and workforce, what should be done?

The X-rays (below), which see through the corrosion layers, assess nature and construction, and reveal details like, in this case, clear decorations, provided the most obvious answer.



At right is the final restorative result on this beautiful Roman dagger hilt from the MNA in Lisbon. It shows the high impact of X-rays on coaching restorative and conservation techniques. Now, this special piece has its deserved spotlight.

X-RAYS...

Time Saved + Damage Prevented + Resource Management