



## ART-ANTHROPOLOGICAL RESEARCH TEAM

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### PRESS RELEASE

- **2010-14:** Anthropological analysis of 350 bones and fragments found in the larnakes of Tomb II. It aimed at: **[a]** the reexamination/reevaluation of previous studies on these cramins [1981-1990] with the aid of medical and physicochemical laboratory tests; and **[b]** The creation of a Data Base backed by over 3,000 digital color photos of the bones and fragments studied.

- The new study has been supported by axial tomography, SEM and X-Ray Fluorescence scanning

- New finds reveal: **[a]** that morphological changes on the bones caused by the pyre indicate “in flesh” cremation of both individuals and exclude “dry bone” secondary cremation;

**[b]** A more accurate age determination. The male in the main chamber was aged 41-49 and the female in the ante-chamber was aged 30-34 as determined by examining a pelvis bone fragment not seen before;

**[c]** Ante-mortem pathologies, e.g., degenerative changes, chronic illnesses, activity markers and traumas. The **male** suffered of chronic frontal and maxillary sinusitis, particularly on the right side probably due to an old trauma on the right part of his face; had degenerative changes and markers indicating middle age and intensive horse riding; and had an old incised trauma on his left hand caused by a sharp edged object, probably a weapon\*. The **female** had similar degenerative changes and markers indicating intensive horse riding; and had suffered a compression fracture of her left tibia that had caused shortening, atrophy and lameness. This leads to the conclusion that the shorter left greave found in the ante-chamber, the Skythian gorytus + arrows and weaponry belonged to her.

- Conclusions re these new finds were presented at this year’s conference “Archaeological Works in Macedonia and Thrace” held at the Aristotle University on Thursday, March 13, 2014. The paper by T. G. Antikas, L.K. Antikas, I. Maniatis, A. Kyriakou and A. Tourtas was entitled ***New Finds on the Skeletons in Tomb II at the Great Tumulus of Aegae: Morphological and Pathological Changes.***

\*Δημοσθένης Περί Στεφάνου xviii.67: Τον Φίλιππον...τον **οφθαλμόν** εκκεκομμένον, την **κλείν** κατεαγότα, **την χείρα**, το **σκέλος** πεπηρωμένον.

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