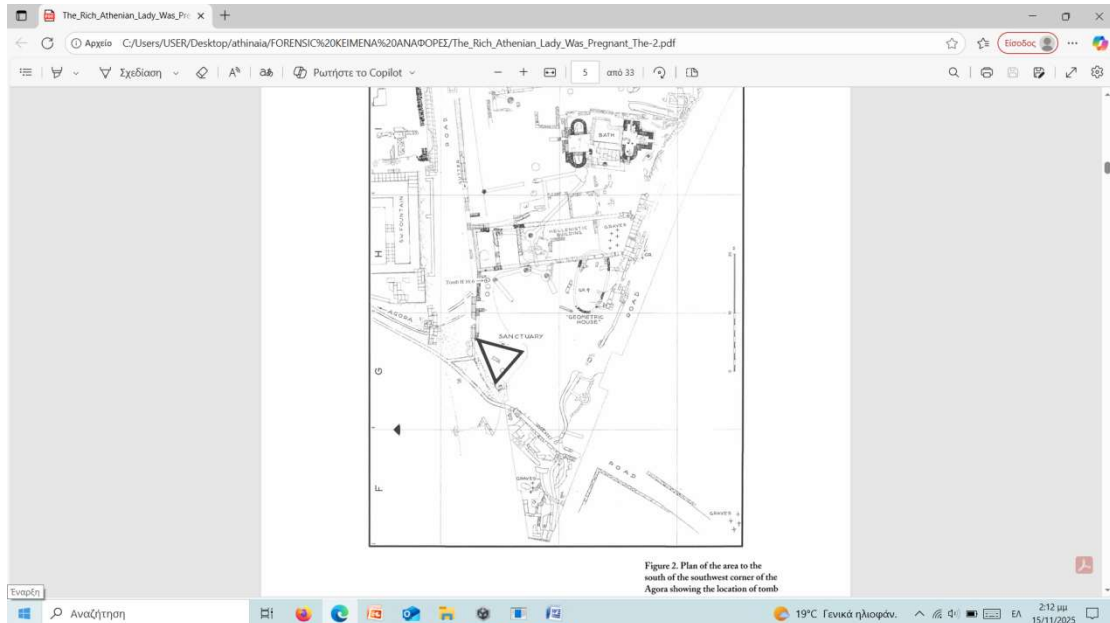


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Η ΓΥΝΑΙΚΑ ΗΤΑΝ ΗΛΙΚΙΑΣ 25-35 ΕΤΩΝ ΚΑΙ ΗΤΑΝ ΕΓΚΥΟΣ . ΑΥΤΟ ΠΙΣΤΟΠΟΙΕΙΤΑΙ ΑΠΟ
ΤΑ ΣΚΕΛΕΤΙΚΑ ΕΥΡΗΜΑΤΑ ΚΑΥΣΕΩΣ.



The skull and major limb bones are gracile and quite small even i assume the maximum possible shrinkage in the bone. The skull is almost childlike, but the presence of sockets for erupted third molars (wisdom teeth) make it clear that the individual was an adult, older than 18-20 years. The delicate bone structure and the morphology of the temporal and frontal bones indicate a female. As is common in cremated remains, the bones of the pelvis are quite fragmentary, preserving joint surfaces, but they could not be reconstructed sufficiently to indicate the sex-specific characteristics with any clarity.³² The presence, however, of a fetus found with the remains also suggests a female. Surviving portions of the auricular surface of the ilium, the pubic sym physis, and the sternal ends of the ribs all indicate an age of 30-35 year death. One fragment of the pubic symphysis could indicate an age as ad vanced as 40 years.³³ Only the pubic symphysis technique for determini adult age was available to Angel when he initially examined these remains, and he too described the bones as those of a female in her 30s, with a max imum range of 24-40 years at death.³⁴ Determining race or major geographical group is one of the most dif ficult aspects of skeletal biology. The most reliable skeletal indicators of race are on the skull, particularly in the midfacial region of the nose mouth.³⁵ In this case, the face is somewhat warped by heat, but the indi vidual elements are present and relatively undamaged. The high, narrow upper nasal opening, prominent nasal bones, with a depressed nasal root at nasion, and the presence of a strongly developed nasal sill are disti Caucasian

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Σχεδίαση Puttjoris to Copilot 6 από 33

first encountered. Courtesy Agora Excavations

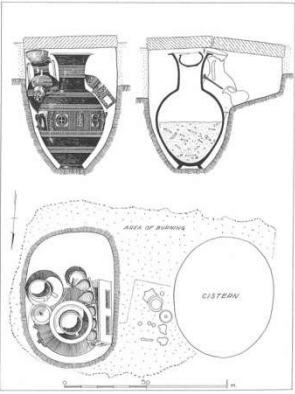


Figure 4. Tomb H 166. Plan and sections of the urn-hole with contents as found. W. B. Dinsmore Jr. and J. Travlos, courtesy Agora Excavations

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Αναζήτηση

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The following report of the anthropological analysis of tomb H 166 begins with a discussion of the process of cremation; we go on to discuss the biological characteristics of the adult female and fetus, and the cause of death, and conclude with a facial reconstruction of the cremated woman.

CREMATION

All of the preserved skeletal material was recovered from the burial amphora itself and not from the associated pyre deposits.²⁶ The skeleton was thoroughly cremated, similar to the degree achieved by a modern gas-fired crematory. The consistently white color indicates that all of the organic portions of the bone were burned, leaving only the inorganic matrix. The condition of the surviving bone and the complete combustion of the organic portions indicate that the pyre reached a sustained temperature of up to 700–800° C.²⁷ In an experimental cremation of a pig, designed to mimic the form of Early Iron Age pyres excavated in Greece, this degree of cremation occurred about six to seven hours after the pyre was lit.²⁸

Experimental studies and records of modern crematories suggest that approximately 643,000 kcal of heat is required to cremate an average 70-kg human body. This includes 134,000 kcal of heat given off by the combustion of the body itself and 509,000 kcal from an outside fuel source. To produce this external source of heat, a large amount of dried hardwood—1.8 m³ or 120 kg—is required if all of the heat is used efficiently. The female adult in tomb H 166 probably weighed less than 70 kg but, given the relative inefficiency of an open pyre, at least 120 kg fuel would have been required to achieve the complete combustion and calcination of the skeleton found in this burial.²⁹

An unusual feature of this burial is the extraordinary care taken in collecting the bone from the cremation pyre. The total weight of the preserved bone is 1,345 g. This figure equals or exceeds the weight of skeletons recovered from primary cremation at Vrota, near Kavousi in Crete, in which all of the grave soil was water-sieved after excavation and the resulting residue sorted for bone fragments.³⁰ Every major skeletal element and most small bones are represented in the inventoried remains of the “rich Athenian lady.” All of the long bone shafts are present in the fragments, and many joint surfaces are preserved, although some cannot be assigned to the right or left side on account of the degree of fragmentation, and these are, therefore, not indicated in the plot of the identified bone (Fig. 8). The amount of facial bone preserved in this burial is most

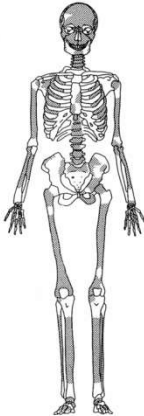


Figure 8. Athenian Agora skeletal specimen AA 302 (the “rich Athenian lady”). Shaded areas indicate preserved bone. M. A. Litan

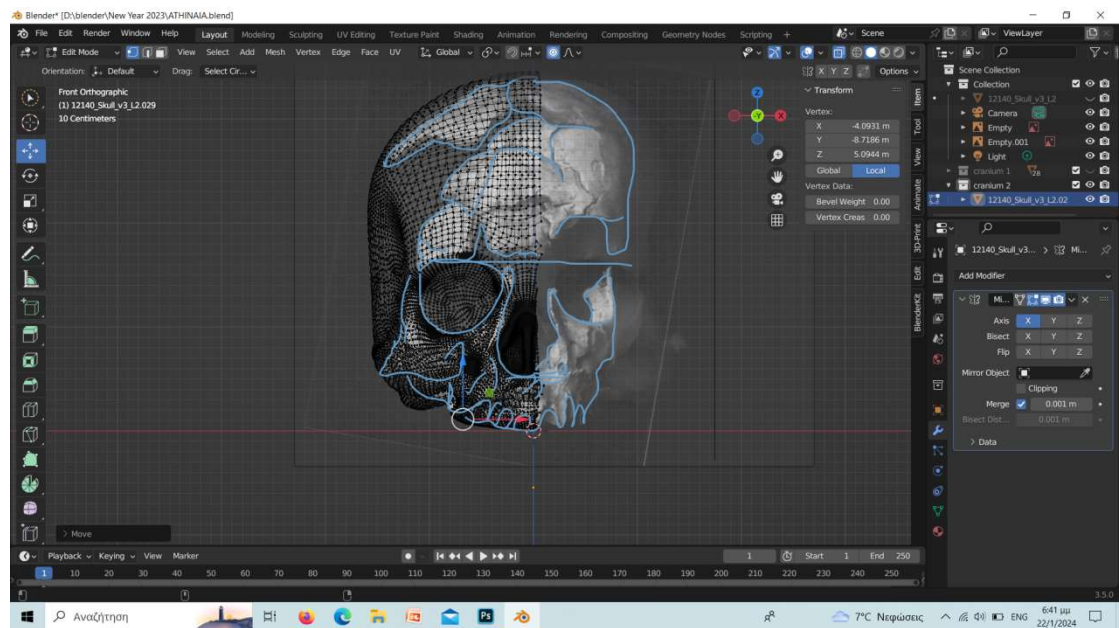
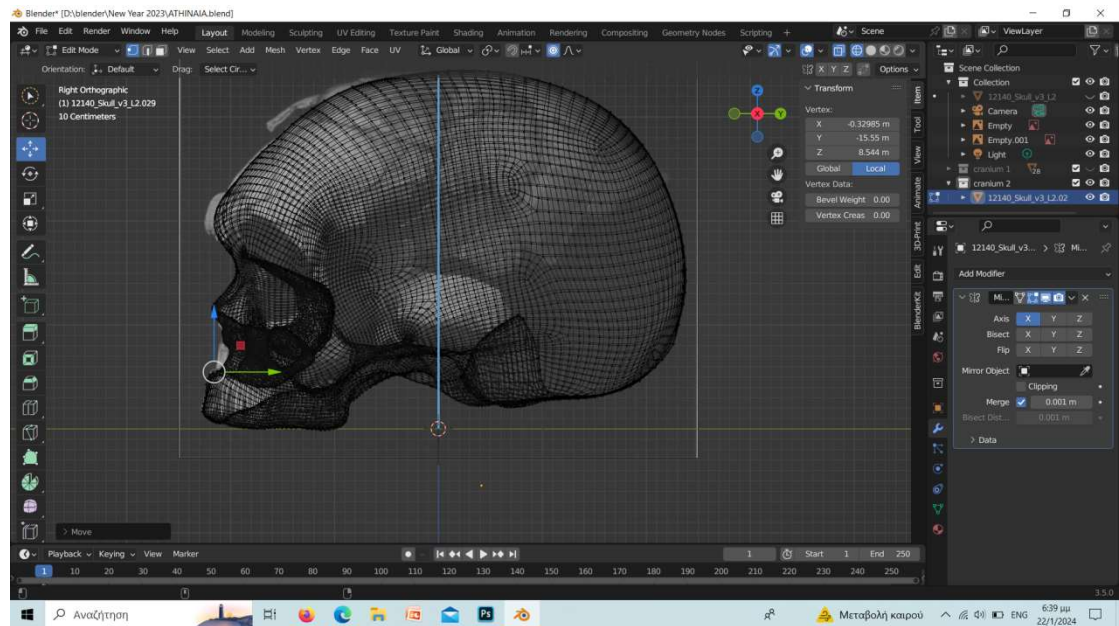
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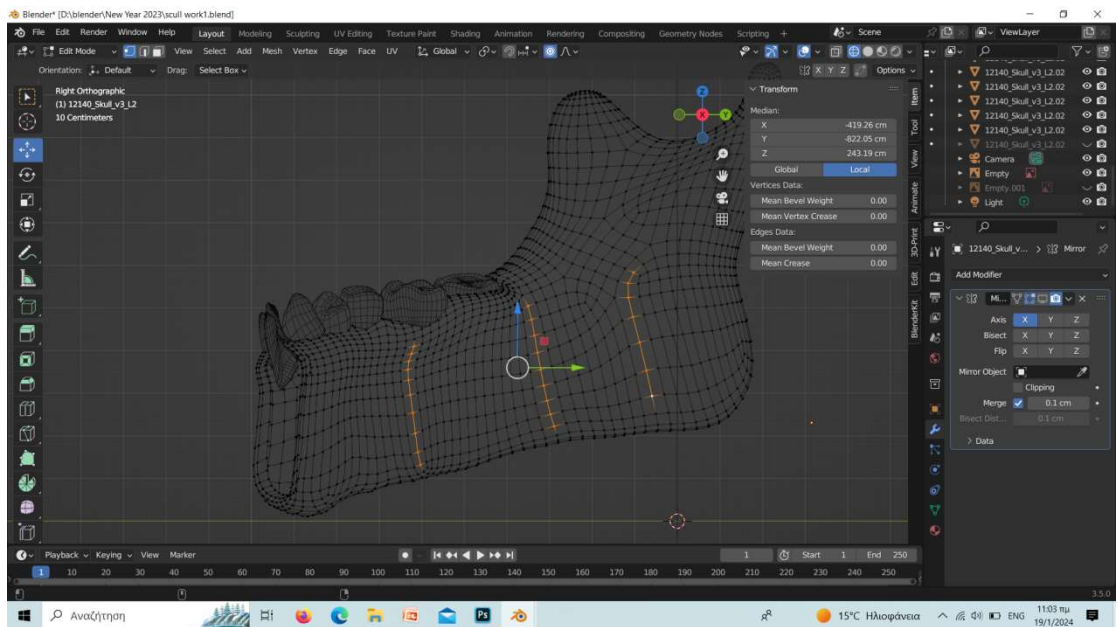
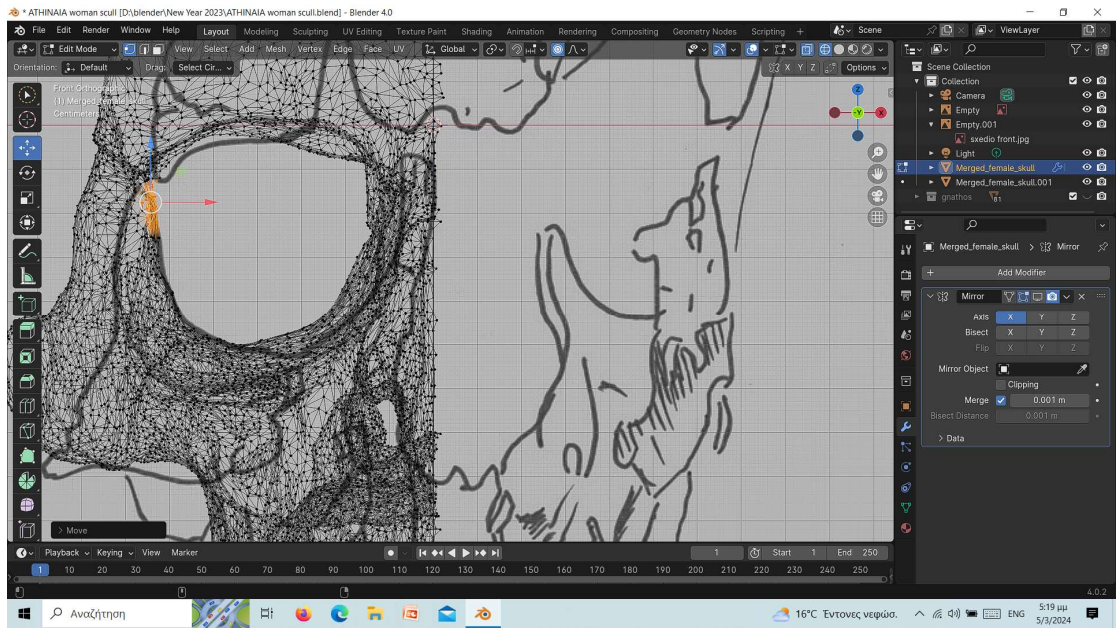


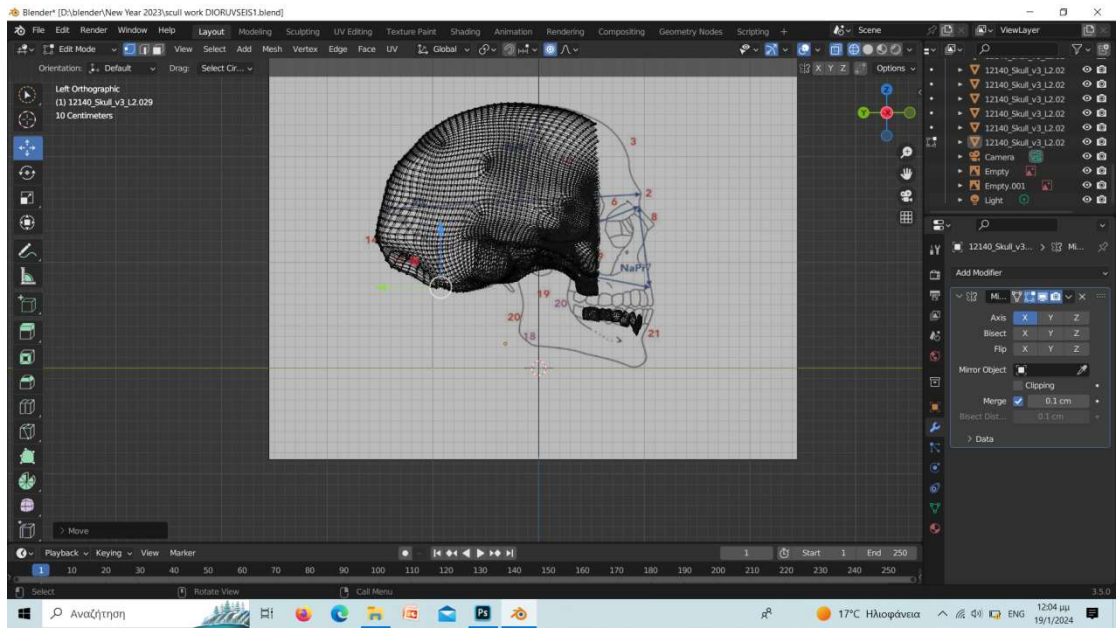
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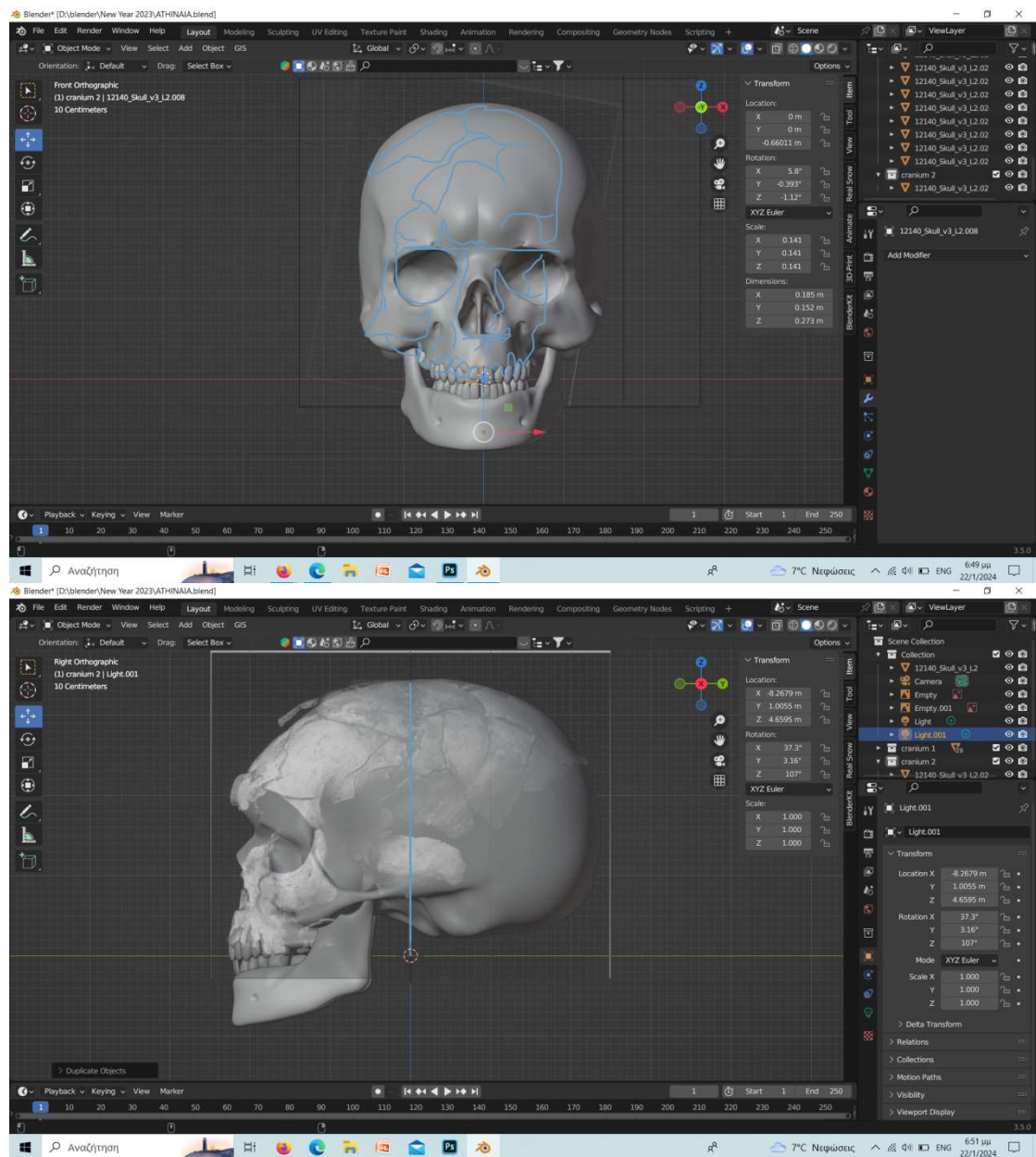


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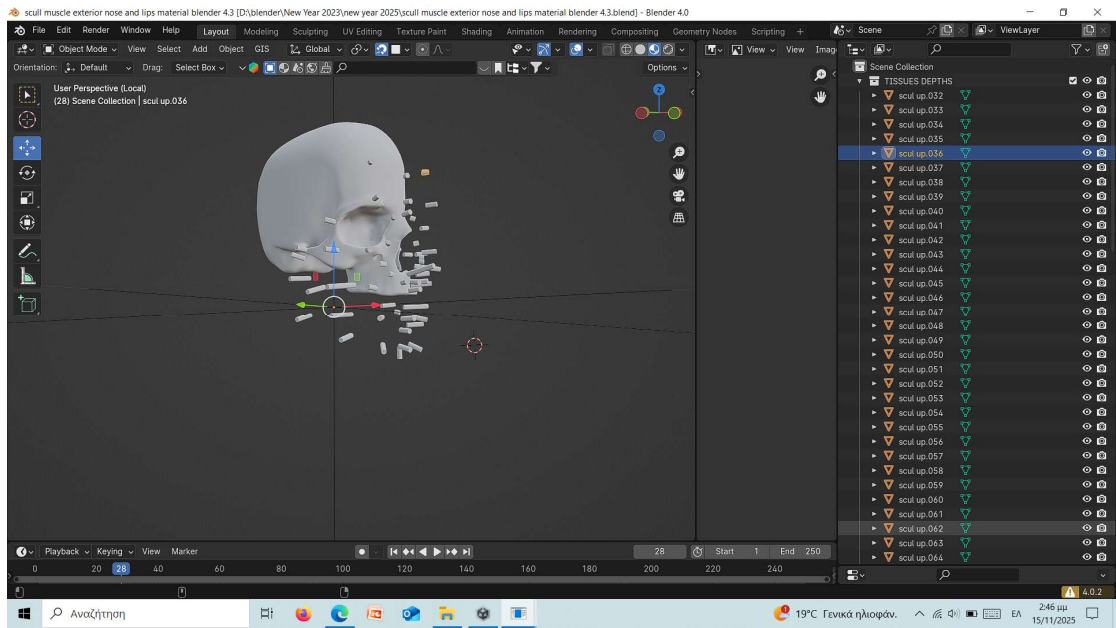




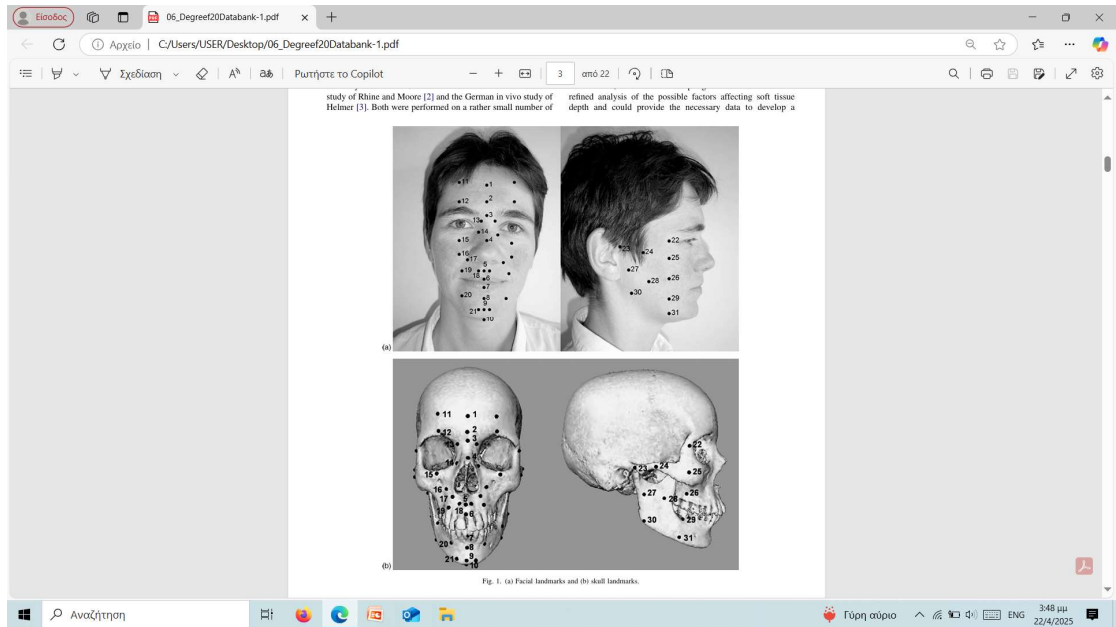


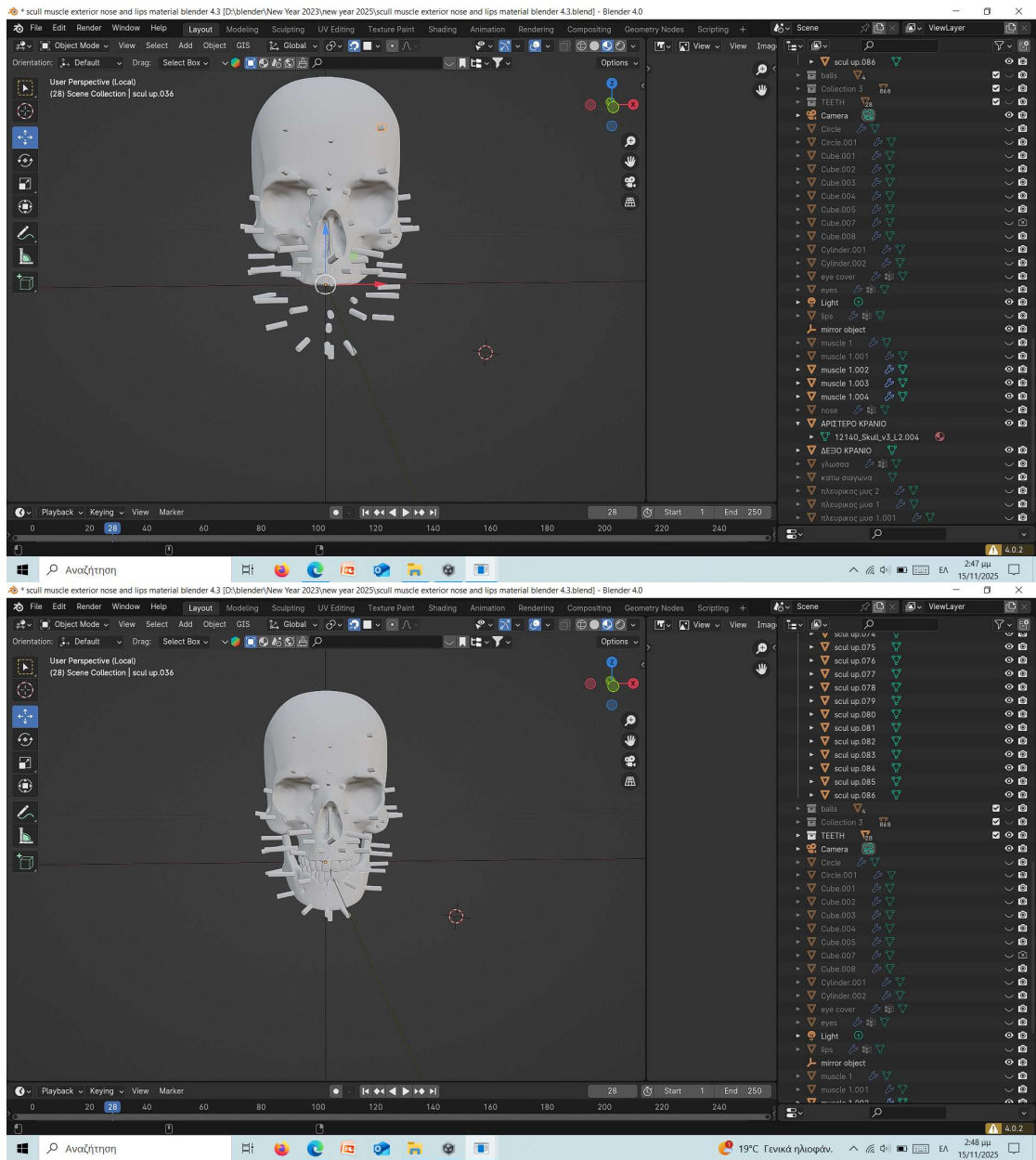


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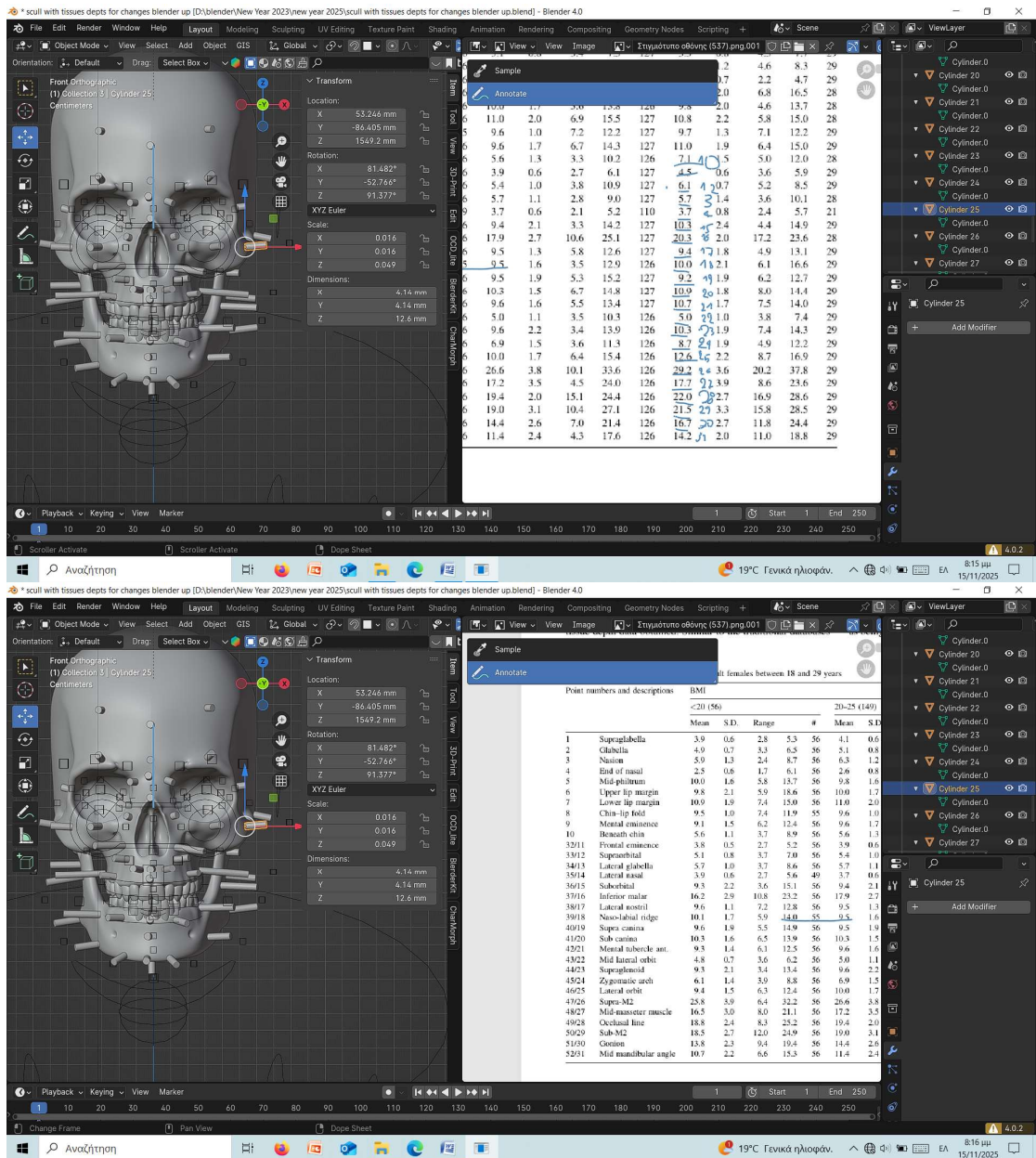


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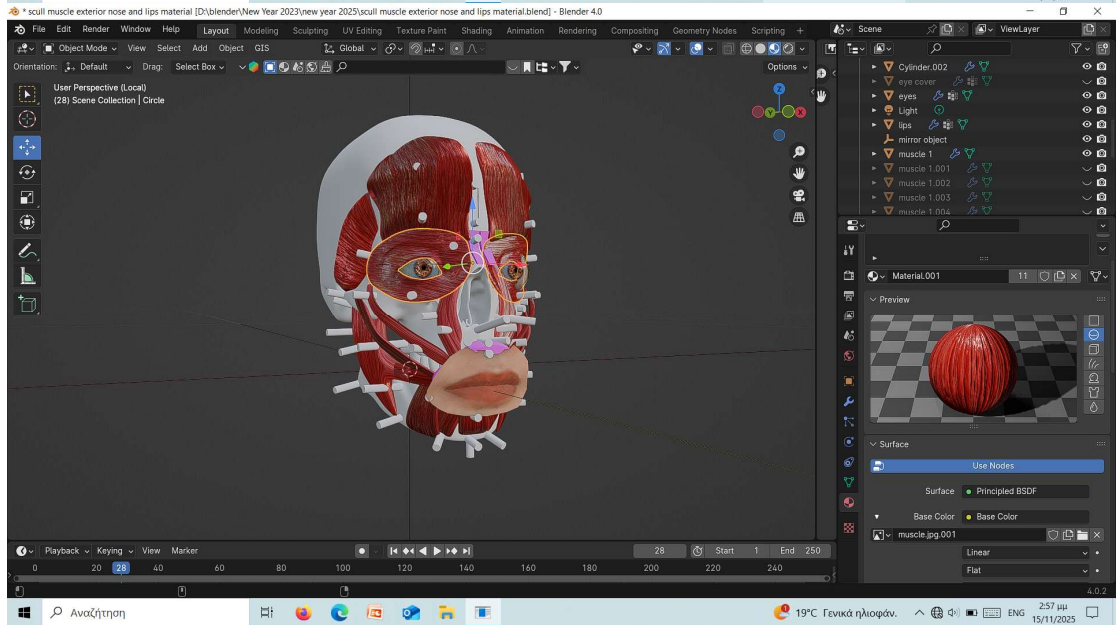
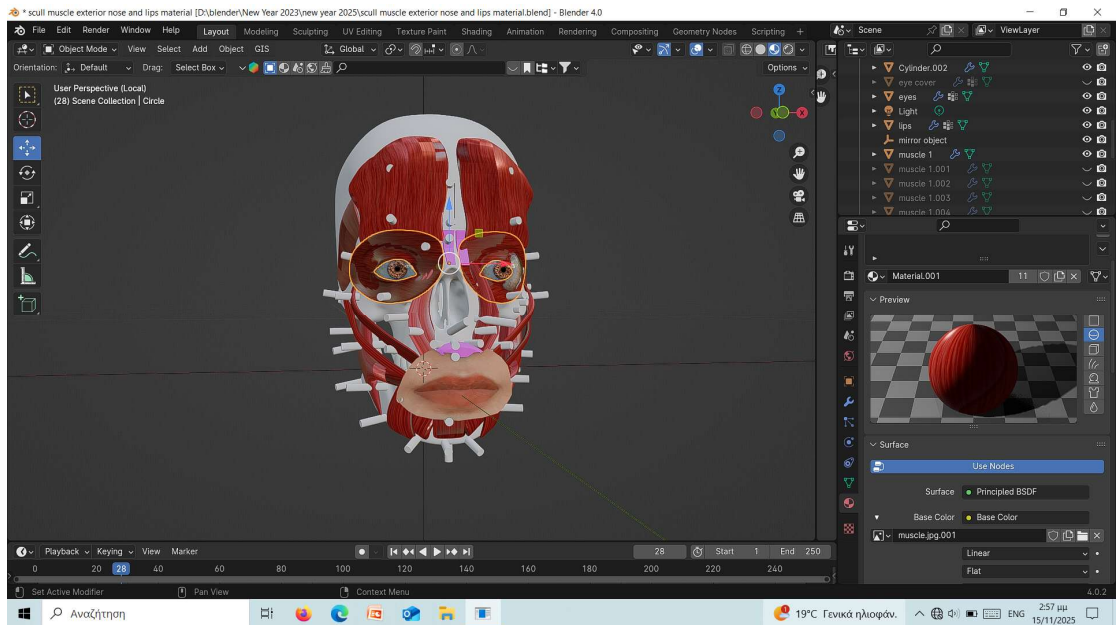


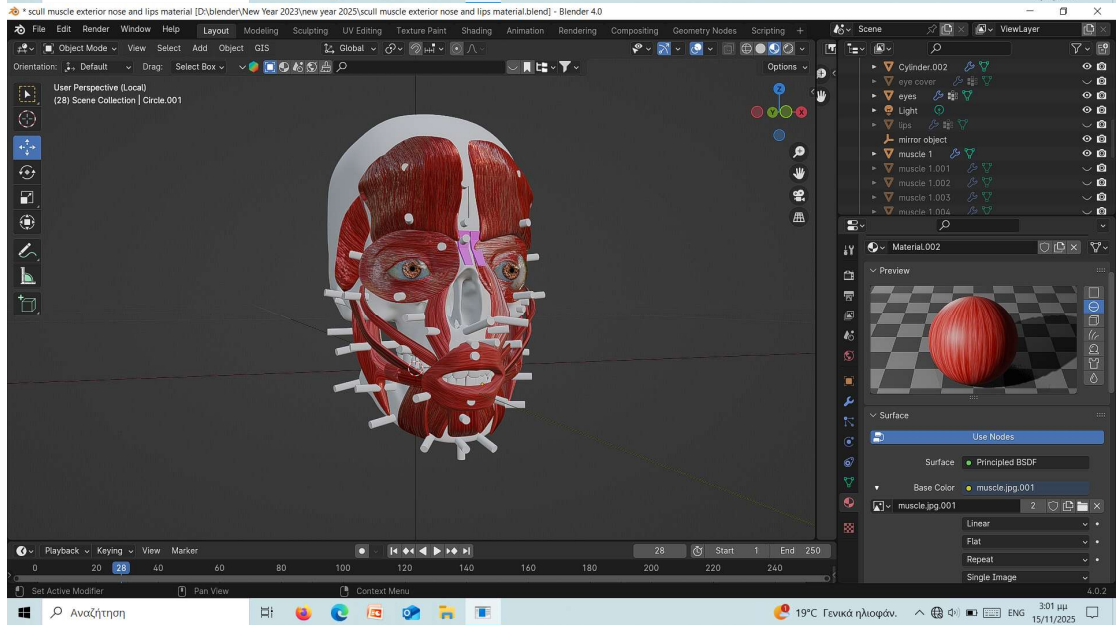
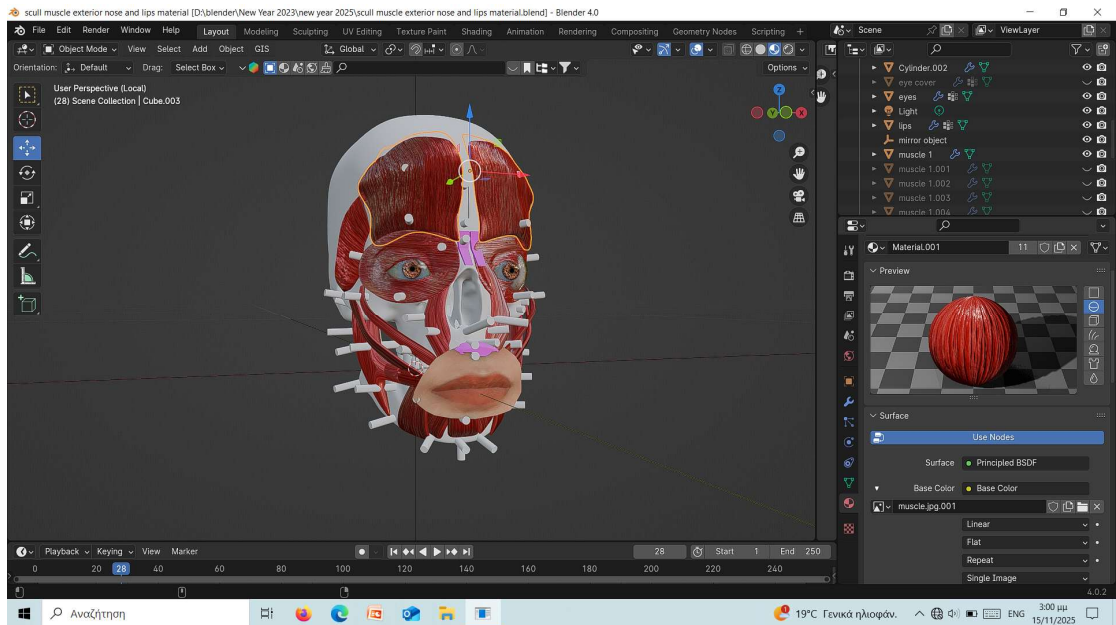


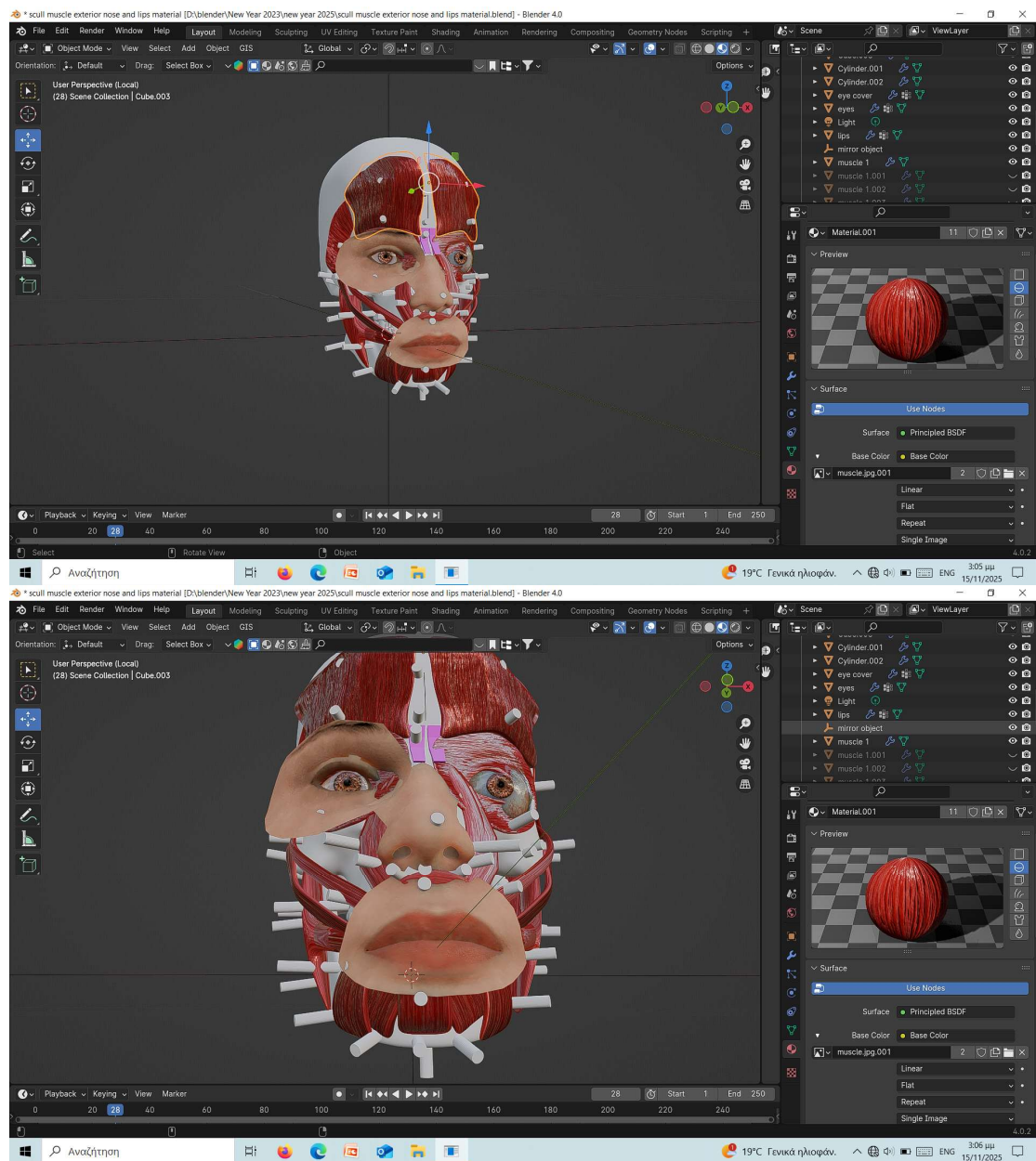
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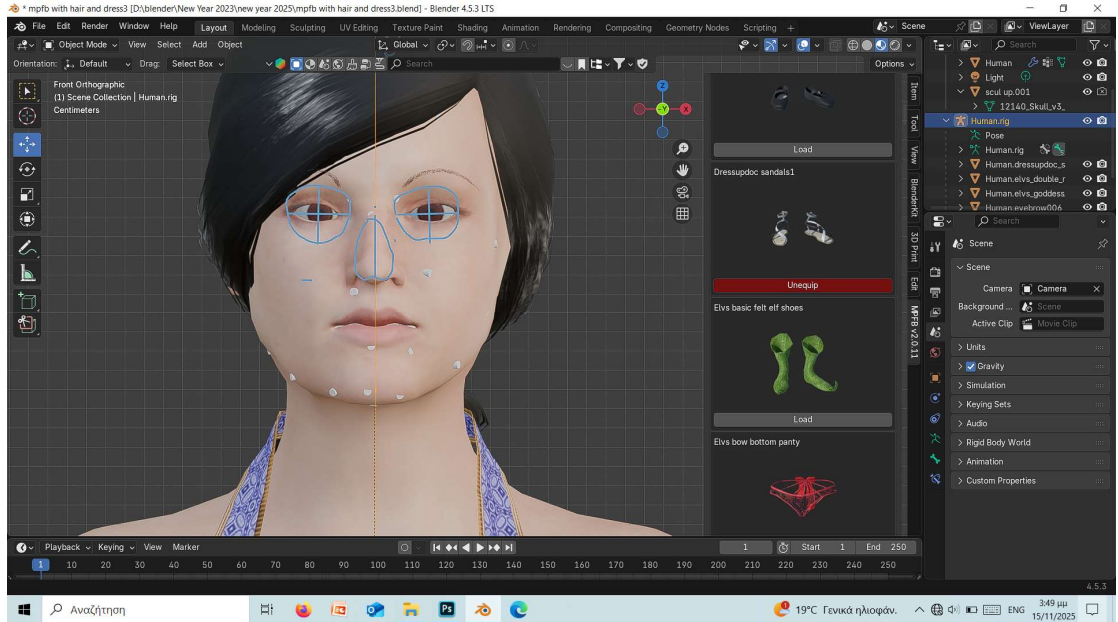
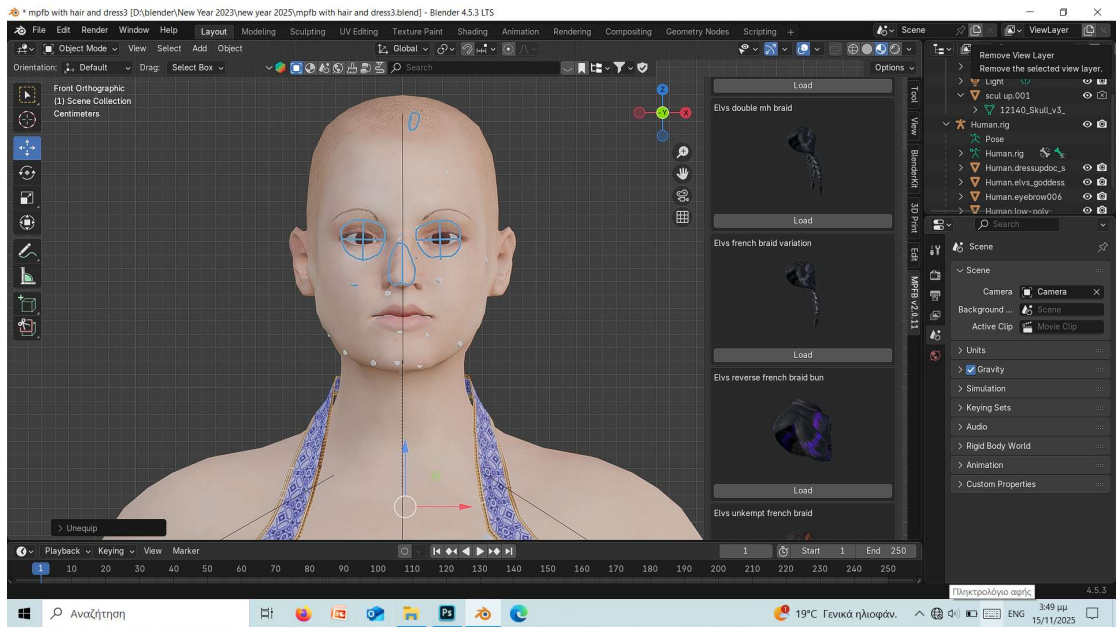
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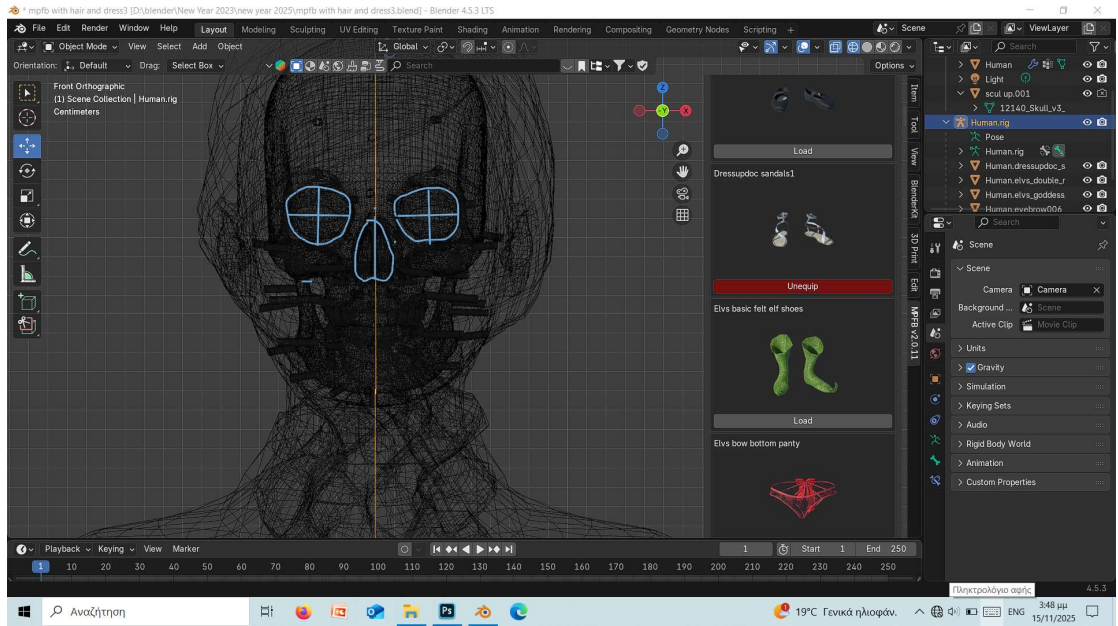


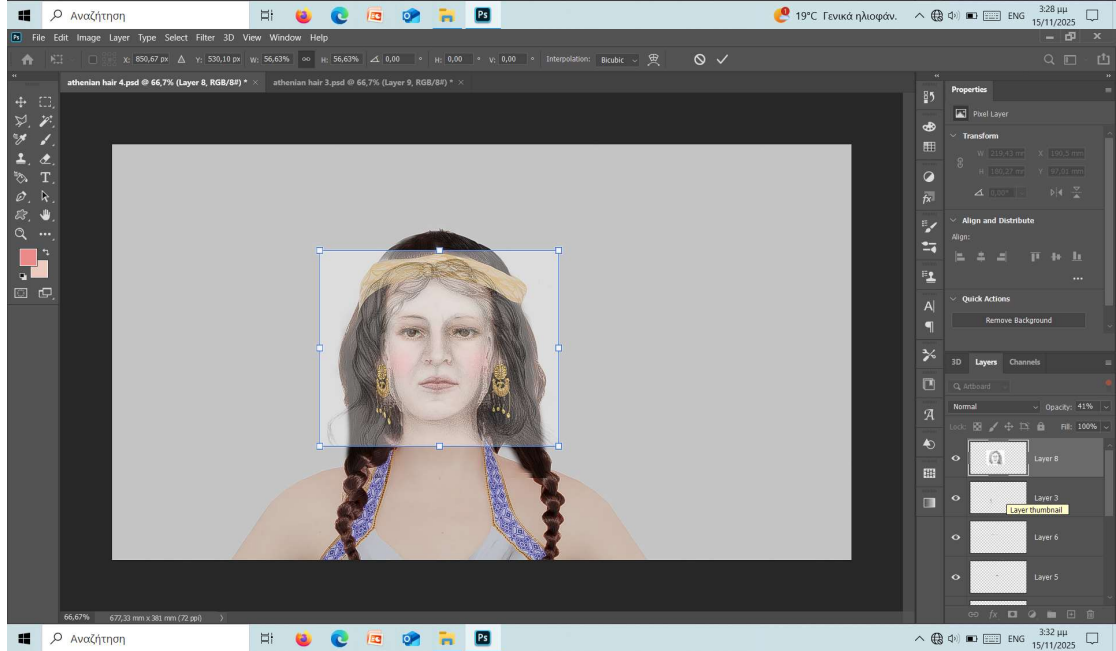
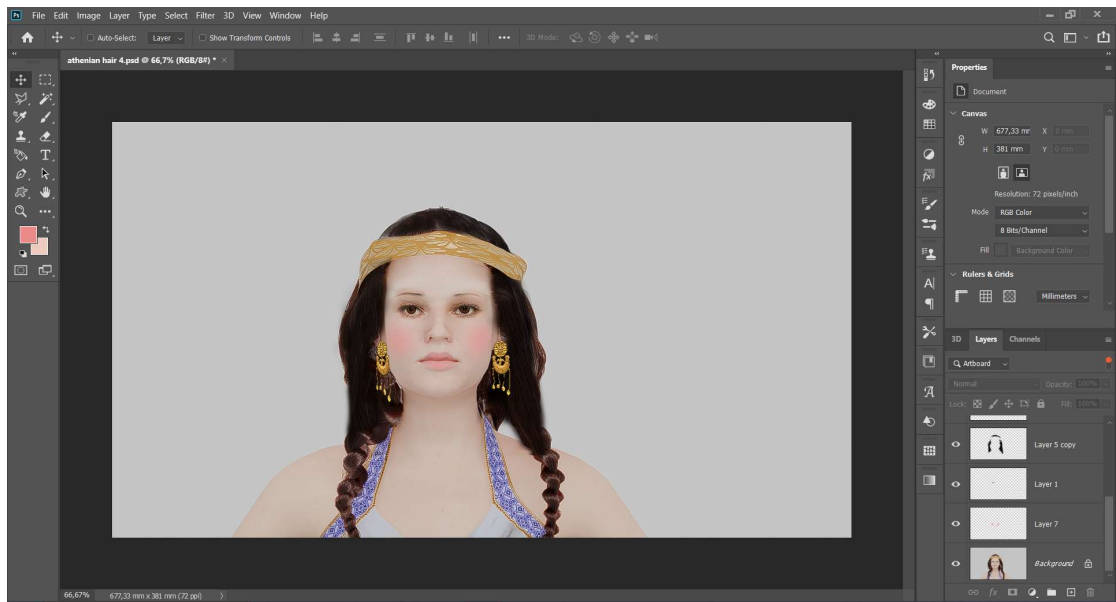




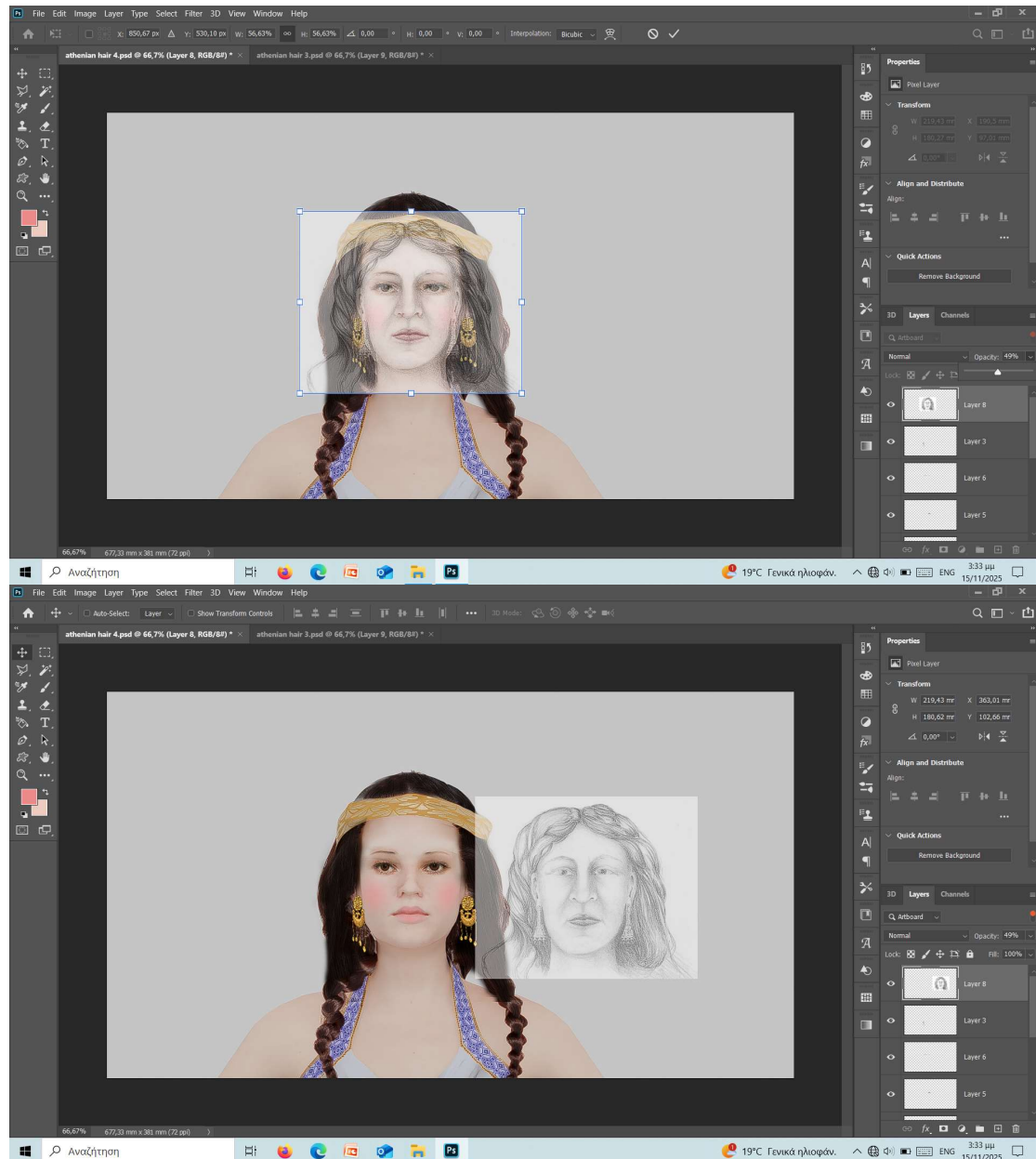
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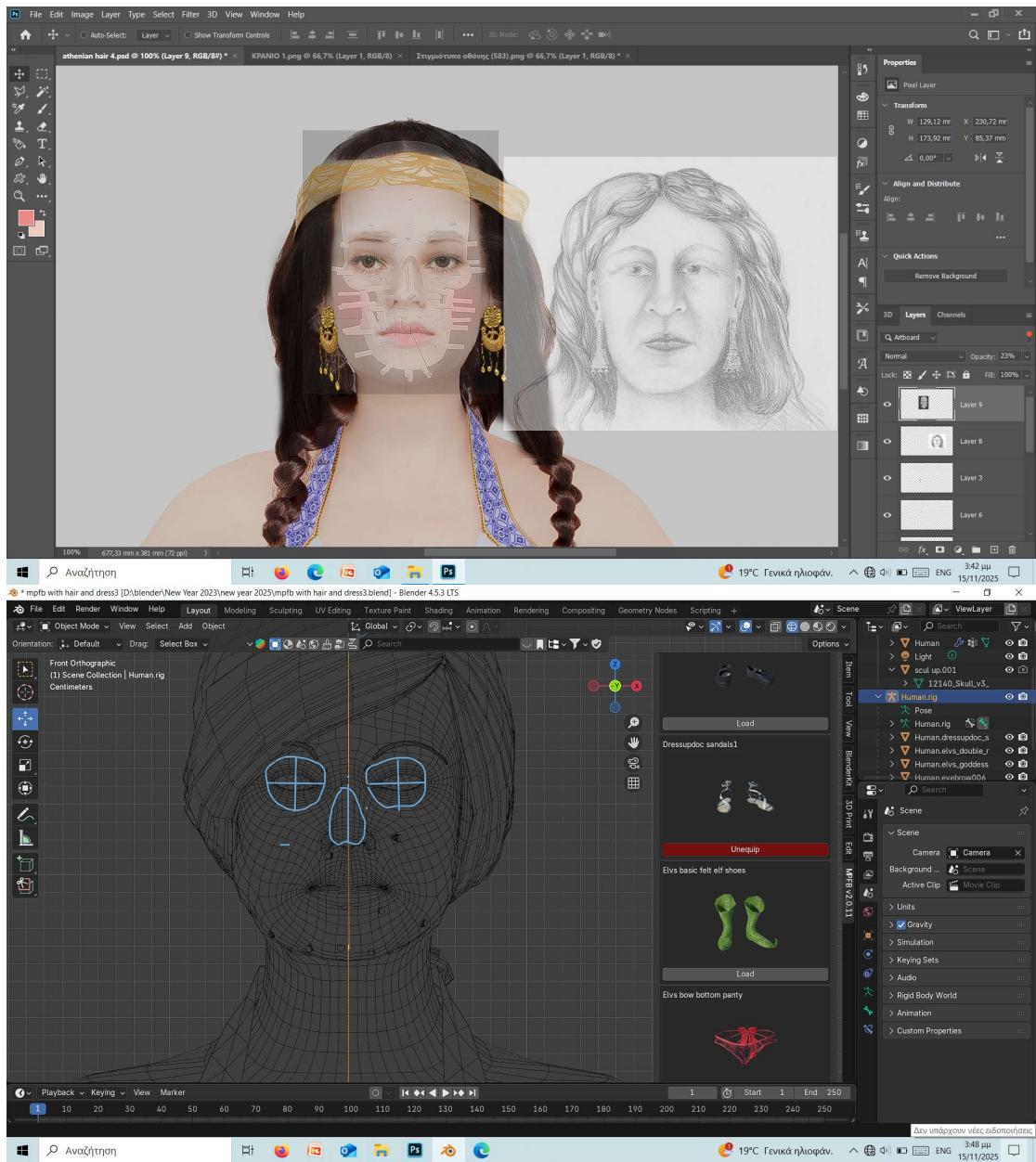






ΕΠΕΞΕΡΓΑΣΙΑ ΣΤΟ PHOTOSHOP





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