

Forensic Technical Opinion - Mummy Maria - Dr. José Zalce - May 14, 2025

José de Jesús Zalce Benítez

Mexico City, May 13, 2025

Recipient

Dr. Roger Zúñiga Avilés

Director of Research at the SAN LUIS GONZAGA University of Ica, Peru, and for the corresponding scientific and informative purposes.

The undersigned, Naval Surgeon with a Master's in Forensic Medicine, José de Jesús Zalce Benítez, with university training as a Naval Surgeon and postgraduate level Master's in Forensic Medicine, and who, among others, has knowledge at the specialty and diploma level in: Forensic Anthropology, Forensic Odontology, Comparative Anatomy, Forensic Genetics, Aerospace Medicine, Underwater and Hyperbaric Medicine, and various fields of knowledge in Forensic Sciences; I provide the following description for informative but not limited purposes on some results of the investigation that I allow myself to expose below through the application of forensic techniques, which is a branch of medicine that is responsible for applying medical and biological knowledge to solve posed problems, pertaining to determining the biological authenticity, organic and structural functionality of the desiccated body named MARIA and various non-human organic pieces of said body and pieces that were physically presented to me.

To duly comply with the request, once the conferred assignment was accepted and sworn, I conducted a meticulous analysis of the body and presented piece to be in a position to resolve the expert questions that were posed to me.

In that regard and in my capacity as an expert in the field of forensic medicine, I render and ratify the present FORENSIC TECHNICAL OPINION.

1 STATEMENT OF THE PROBLEM

Determine the biological authenticity, organic and structural functionality of the desiccated body named MARIA and various non-human organic pieces that were physically presented to me.

2 MATERIAL AND METHOD OF STUDY

In order to render the technical opinion in the field of forensic medicine, the scientific method was followed in conjunction with the inductive method, which is a reasoning that analyzes a portion of a whole, from the particular to the general and from the general to

the particular through systematic observation, measurement, comparison, and analysis of reasoning tests, and the deductive method based on logic and demonstration to prove the validity of a theory or hypothesis; in addition, the following laboratory and imaging auxiliaries were used for obtaining information and study materials:

- a) Physical-observational anatomical analysis and dimensional measurements of the desiccated bodies and various non-human organic pieces that were physically presented to me.
- b) Application and performance of imaging studies such as:
 - 1. X-rays.
 - 2. Computed Axial Tomography (CT) of 64 slices and 128 slices, with three-dimensional (3D) reconstruction.
 - 3. Fluoroscopy.
- c) Taking samples for Carbon-14 dating.
- d) Taking samples for DNA analysis, for sequencing and taxonomic comparison.
- e) Taking sample of diatom powder for analysis with scanning electron microscopy (coating of the desiccated bodies and non-human pieces).
- f) Taking sample for metallurgical analysis of various metallic implants found in the desiccated bodies and non-human pieces.

DESICCATED BODY NAMED AS MARIA:



Figure 1: Examination of the Desiccated Body Named Maria

3 DESCRIPTION OF THE BODY OF MARIA, A TRIDACTYL BODY FROM NAZCA, PERU

In this exposition, I will take you through a summary of the most relevant in the structural description of the tridactyl body named MARIA, which is perfectly preserved naturally by the desiccation process based on diatom powder.

The following specimen was named Maria, which has an approximate height of 1.68 centimeters, its bone structure is more robust and solid, with greater phylogenetic closeness to the primate, its skull is elongated with a 30% greater capacity to house neurological or cerebral material compared to the human, likewise its ocular cavities are larger than average, it has no auricular pavilions and there is no presence of breasts.

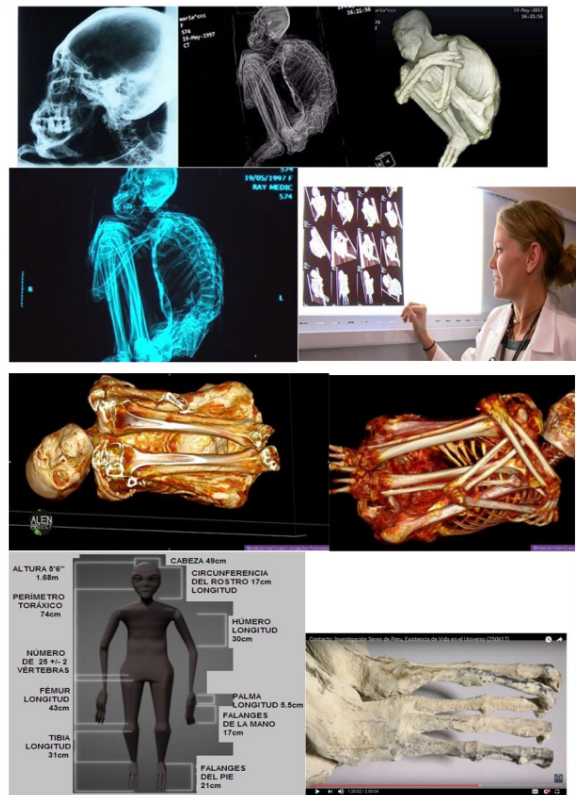


Figure 2: Various Scans and Measurements of the Body of Maria

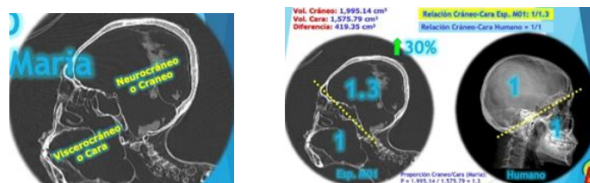


Figure 3: Skull Comparison Showing 30% Larger Capacity

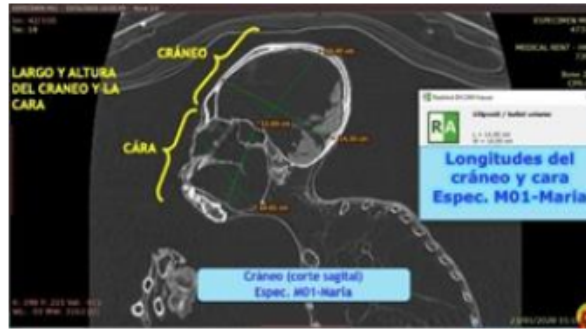


Figure 4: Longitudinal Measurements of the Skull



Figure 5: Skull Volume Calculation

It is MATHEMATICALLY visible that the dimensions are superior to those of a human skull, in addition there are no features of artificial modification of ritual or cultural type since the skull is naturally elongated and not by pressure or fastening techniques which would be observed directly as depressions of the external table of the skull, which corroborates that this skull of the body MARIA had a normal and natural development with a superior elongated aspect that allows it to have 30% more volumetric capacity, which in a human skull is and must be constant despite it being artificially modified since the volumetric capacities cannot be modified by artificial or provoked deformities, proving with this that the skull named Maria is 100% natural and different from that of a human by having increased its intracranial volume capacities and of the ophthalmic sockets.

Taking into consideration these CRANIOMETRIC measurements, it is evident that the skull named MARIA has ANTHROPOMETRIC characteristics superior to those of a human skull, making it distinct, different, and completely alien to a normal or artificially altered human body.

In its hands and feet, it presents tridactyly with fingers of 4 phalanges plus the metacarpal and metatarsal bones as appropriate, making evident their greater size and length. These hands and feet have no traces of alteration, mutilation, or artificial modification since there is no presence of scars or union points which would be evident either with tissue regeneration if the alteration had been in life or with fastening means if the alteration had been after death.

This human hand represents clearly the articular surfaces between the carpal bones and the metacarpal bones, directly evidencing that if an amputation or mutilation of the first and fifth finger (thumb and little finger) is performed, it would clearly leave the articular surface of the carpal bones exposed and the absence of the corresponding metacarpals, a situation that in the tridactyl specimen MARIA is not observed, making it clear that in MARIA's tridactyl hands there was no type of manipulation, amputation, or artificial alteration.

In these images of the human foot, we can observe in the same way that in case of



Figure 6: Human hand with 2 fingers removed



Figure 7: Figure 7

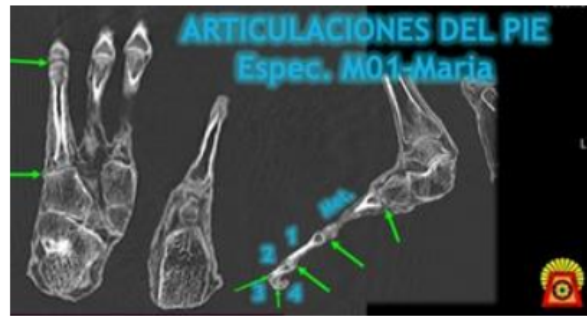


Figure 8: Figure 8

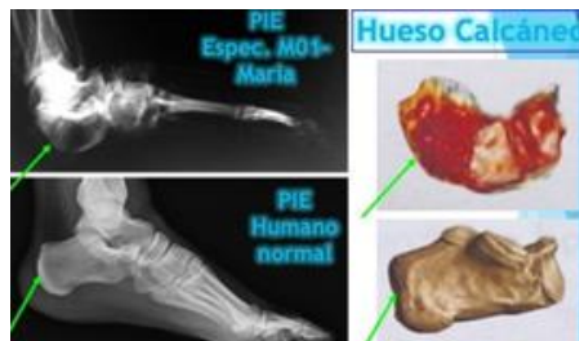


Figure 9: Figure 9

an amputation or artificial manipulation, the exposure of the articular face of the tarsal bones is evident, in addition to which, to maintain stability, the implantation of support devices such as wires or tensors would be necessary, which would be easily identifiable in a simple radiograph.

The knowledge of human ANATOMY is necessary and basic to be able to identify and define if a foot was manipulated by amputation or artificial mutilation and leaves NO room for doubt of the anatomical evidence in the tarsal bones and the tools necessary to preserve its stability. In the foot of the body named MARIA, in contrast, we can observe the arch and the claw termination of the last phalanx, as well as the surprising finding of fingerprint traces of linear characteristics which makes them unique and therefore extremely difficult to supplant or falsify, without forgetting to mention that the perfect harmony between the bones corresponding to the tarsus and its harmonic functional continuity directly articular with the metatarsals and phalanges in a continuous manner without interruption is seen.

In this last image, we can also see the anatomical difference of the calcaneus or heel bone, where it is perfectly evidenced that the support and biomechanical element of the human foot is completely distinct and different from that of the foot of the body of the specimen named MARIA, in addition within forensic knowledge it would be very easy to identify if the heel had been cut, carved, reduced in volume or replaced by another bone since any of these procedures would have left physical trace of said intention, which does NOT exist and is NOT evident in MARIA's heel making it 100% real, natural and functional with the corresponding plantar arch and the claw termination of the phalanges of this tridactyl foot.

Finally and as irrefutable documentary evidence, there are various requests to the

government of Peru for the recognition and study of these tridactyl bodies, among which this document from the Public Ministry of Peru from the Molecular Biology and Genetics Unit stands out, where it clearly states that the analyzed DNA are nucleotide sequences confirming the veracity of its existence as genetic, biological, and organic material, making it clear that it cannot issue an opinion on it since this nucleotide sequence HAS NO RELATION to the Human, and that since it does not have the technology and the appropriate specialists for its analysis, it recommends us to go to specialists in living organisms.

This accepts and makes clear on the part of the ministerial authority of Peru that these are biological organisms that require deeper studies and analyses and that they are NOT crafts or manufactured pieces or what is falsely intended to be made to believe by an ARCHAEOLOGIST without knowledge or academic training in Physical Anthropology, Forensic Anthropology, Comparative Anatomy, Biology or Forensic Medicine that it is a Mutilated Human Body.

Once all the above has been exposed, I ratify that my conclusions are:

1.- This tridactyl body without a doubt is an independent biological organism, 100% real, without traces of manipulation or artificial manufacturing alteration, which has a harmonic, organic, and functional skeletal structure and that due to its biological characteristics had life, and were in adult stage.

2.- This desiccated body named Maria IS NOT A HUMAN BODY with biological alterations or artificial or artisanal mutilations, nor cultural or ritual modifications.

3.- We are facing the opportunity to accept the existence of new species and to describe their unique and extraordinary characteristics such as tridactyly, of which their phylogenetic lines of predecessors and descendants in the taxonomic tree of Darwin's species should be determined.

4.- That in case of not finding these phylogenetic lines, then we are facing the opportunity to recognize the existence of other beings different from what is described and accepted by current science.

4 FORENSIC MEDICAL ANALYSIS

To expose the results of my analyses derived from the study of the anatomy of this NON-human body as a forensic doctor, and based on the results of various scientific evidences such as x-rays, computed tomography, three-dimensional reconstructions, macroscopic and microscopic analyses, histological, carbon 14, forensic anthropology, comparative anatomy and DNA analysis which is the queen of evidences in forensic sciences for comparison studies, I can affirm that these bodies have no relation to the human being.

In addition, I will point out that in the DNA analyses, after having been compared with more than one million registered species, we found that there is a very significant difference between the known and these bodies, these studies were carried out in various high-level institutions both national and international and the results gave evidence that 70% of the genetic material has coincidence with the known or described by molecular biology and genetics but there is a 30% difference, and what is the relevance of this?, well that if the human being compared to primates has a differentiation less than 5% and that in comparison with bacteria there is differentiation less than 15%, this would indicate that the found difference of more than 30% is something totally outside the expected parameter and is alien to what has been described and known up to this moment by the

human being.

These studies and results are published and available to anyone who wishes to analyze them or continue them, we accept that there is still much more to discover and we are open to the scientific community and the world to coadjute in summing efforts to define what we are facing and how far we can go as a result of a collaboration in its scientific and academic study.

As a conclusion and for all the above, we can say that this body IS OF A NON-HUMAN SPECIES that has irrefutable differences with what is described in biology and taxonomy of the tree of the evolution of Darwinian species without a common predecessor or traceable or a described descent or evolution yet.

I can affirm then that this body is real, 100% organic and biological that at its time had life and is irrefutable evidence in itself.

We are facing the paradigm of describing a New species or the opportunity to accept that there has been contact with other non-human beings who were drawn and pointed out in the past in various cultures around the world such as Peru, Egypt or even Mexico and that today we can accept their existence among and with us.

5 CONCLUSIONS

FIRST. - This desiccated body named Maria IS NOT A HUMAN BODY with biological alterations or artificial or artisanal mutilations, nor cultural or ritual modifications.

SECOND. This body is of a NON-HUMAN SPECIES that has irrefutable differences with what is described in anatomy, anthropometry, biology and taxonomy of the tree of the evolution of Darwinian species without a common predecessor or traceable or a described descent or evolution yet.

THIRD. Due to its characteristics and skeletal and organic structure, the following is determined:

- a) The biological authenticity is 100%.
- b) The skeletal functionality is organic and structurally compatible with the life and development of these beings and species.
- c) There is no way they are assembled or mutilated or altered with pieces from other animals.
- d) The integrity of its skin is clear evidence that they were not mutilated or altered post-mortem nor ante-mortem.
- e) The DNA reveals that they are organic matter that has no evolutionary relation with the compared species and that marks a differentiation greater than 70% with the human species.

FOURTH. We are facing the paradigm of describing a New species or the opportunity to accept that there has been contact with other non-human beings.

6 BIBLIOGRAPHY

1. LAW AND MEDICINE. Edited by the Supreme Court of Justice of the Nation, Mexican Foundation for Health A.C. and National Academy of Medicine of Mexico. First Edition. October 2008.
2. THE EXPERT EVIDENCE. Víctor de Santo. Editorial Universidad. Buenos Aires. 1997.

3. FORENSIC MEDICINE. Eduardo Vargas Alvarado, Editorial: Trillas, 3rd ED. 2010.
4. LEGAL MEDICINE AND TOXICOLOGY. Gilbert Calabuig. 6th ED. 2004.
5. TREATISE ON LEGAL MEDICINE. José A. Patitó. Editorial: Quorum. 2003.
6. MEDICAL DICTIONARY. Harpers Collins. 2005. Editorial Marban.

For the exposed and founded to You, I attentively ask:

UNIQUE. Have rendered and ratified the present technical opinion in the field of forensic medicine.

ATTENTIVELY

THE C. FORENSIC MEDICAL EXPERT
JOSÉ DE JESÚS ZALCE BENÍTEZ.