Bone Clones®

OSTEOLOGICAL REPRODUCTIONS

Human Femur with Remote Amputation
FO-108

Osteological Evaluation Report

Prepared by

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Human, Femur
with remote amputation

PRODUCT NUMBER: FO-108

SPECIMEN EVALUATED: Bone Clones® replica

SKELETAL INVENTORY: 1 right proximal femur (24.7 cm in length)

GENERAL OBSERVATIONS:

In general, the molding process has preserved significant details necessary for evaluation. The remains are totally skeletonized.

OSTEOLOGIC OBSERVATIONS:

This right femur is absent the distal shaft and condyles. The open distal end is round and smooth. Fin-like bony overgrowths project posteriorly from the posterior aspect of the distal end.

This is a remote right above-knee amputation. The round, smooth amputated end is associated with posteriorly projecting fin-like bony outgrowths. These fractures suggest that a constant pressure was being exerted over a long period of time on the amputated limb, such as could be expected from wearing an orthopedic prosthesis.

SUMMARY:

1.   One right femur with remote above-knee amputation.

EDUCATIONAL RESOURCES:

1.   This is a neat example of a remote above-knee amputation.

DISCLAIMERS:

This report is meant only as a teaching tool for introductory level students of the anatomical, anthropology or forensic sciences who might be using this specimen to learn human and forensic osteology. Evaluation of osteologic material is best done with original specimens. My evaluation was based solely upon studies of a Bone Clones® replica. My opinions are based solely upon the material presented to me. This is somewhat artificial as in real forensic investigations additional studies would be undertaken prior to the formulation of diagnoses, and the production of a report. These studies might include plain film radiography, computed tomography (CT) studies, histology, etc.

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