

OSTEOLOGICAL EVALUATION

Prepared by
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Product No. FO-109

**Human Adult, Remote
Hip Fracture**



Bone Clones, Inc.

OSTEOLOGICAL REPRODUCTIONS

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Human, Adult, Remote hip fracture

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SPECIMEN EVALUATED: Bone Clones® replica

SKELETAL INVENTORY: Posterior half of a partial proximal fragment of the left femur (15.8 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 proximal segment of a left femur includes the head, neck, and proximal shaft. The posterior half is present. The trochanter is expanded by a prominent irregular bony callous. The cut surface of the specimen shows a groomed defect passing from medial to lateral through the trochanter.

The groomed defect within the prominent trochanteric callous represents a remote fracture that has undergone a degree of healing as evidenced by the presence of the callous.

Bone Clones® Osteological Evaluation Report

SUMMARY:

1. Remote hip fracture.

EDUCATIONAL RESOURCES:

1. This is an excellent example of a remote hip fracture.

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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