

OSTEOLOGICAL EVALUATION

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Product No. FO-101

**Human Rib with
Embedded Bullet**



Bone Clones, Inc.

OSTEOLOGICAL REPRODUCTIONS

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Human, Rib with embedded bullet

PRODUCT NUMBER: FO-101

SPECIMEN EVALUATED: Bone Clones® replica

SKELETAL INVENTORY: One partial, mid-thoracic right rib

GENERAL OBSERVATIONS:

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

OSTEOLOGIC OBSERVATIONS:

The general shape and configuration of the single rib is within normal limits. The proximal (medial) third of this rib is absent.

TRAUMA:

This segment of a right rib includes the distal costal end. Towards the proximal end, a medium caliber lead projectile is embedded in the superior border of the rib. Evidence of post-injury healing is provided by the bony callous formation around the projectile. The bony excrescences along the inferior border of the bone and the subtle indentation of the convex external surface of the rib suggest that the rib was completely fractured by the projectile.

The lead projectile embedded in the bony callous indicates that this is a healing gunshot wound in a right rib.

Bone Clones® Osteological Evaluation Report

SUMMARY:

1. One right, mid-thoracic rib with an embedded bullet.

EDUCATIONAL RESOURCES:

1. This is a neat example of a rib with an embedded bullet.

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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