

OSTEOLOGICAL EVALUATION

Prepared by
EVAN MATSHES BSc, MD
Consultant Osteologist



Product No. FO-103-P

**Human Adult
Male Pelvis**



Bone Clones, Inc.

OSTEOLOGICAL REPRODUCTIONS

9200 Eton Ave. Chatsworth, CA 91311

Phone: (818) 709-7991 or (800) 914-0091 (USA only)

Email: info@boneclones.com Web: www.boneclones.com

© Bone Clones, Inc. 2015

Adult Male Pelvis

Product Number: FO-103-P
Specimen Evaluated: Bone Clones® replica
Skeletal Inventory: 1 complete articulated pelvis

GENERAL OBSERVATIONS:

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

OSTEOLOGICAL OBSERVATIONS:

General shape and configuration of the individual bones is within normal limits.

Features typical of the male pelvis are present. These include:

	Male
Body of pubis	Triangular
Subpubic angle	V-shaped
Ischiopubic ramus	Slightly everted; convex above
Symphysis	High
Obturator foramina	Large
Acetabula	Large, ovoid
Greater sciatic notch	Narrow and deep
Iliac crest	High, more upright
SI articulations	Large
Preauricular sulcus	Focally prominent (uncommon in males)
Sacrum	Relatively tall, somewhat broad
Pelvis as a whole	Strong, heavy, marked muscular impressions
Brim	Heart shaped

Bone Clones*® *Osteological Evaluation Report

SUMMARY:

1. Adult male pelvis.

EDUCATIONAL RESOURCES:

1. This is an excellent example of an adult male pelvis.
2. Assessment of sex is best done through an evaluation of all available skeletal elements. That said, the pelvis is the most reliably sexually dimorphic element. Although not covered in this short report, many other bones (including, especially, some of the long bones) can be used with some degree of reliability to determine sex. Many resources exist to assist students with such endeavors.[1]

REFERENCES:

1. Bass, W. (1995). *Human Osteology: A Laboratory and Field Manual*. Columbia, MO: Missouri Archeological Society.

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.

Evan Matshes BSc, MD, FRCPC
Consultant Osteologist