

Bone Clones[®]

OSTEOLOGICAL REPRODUCTIONS

Human Female Pelvis KO-193-P



Osteological Evaluation Report

Prepared by

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Adult Female Pelvis

Product Number: KO-193-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 female pelvis are present. These include:

	Female
Body of pubis	Broad
Subpubic angle	Broad
Ischiopubic ramus	Everted
Symphysis	Low
Obturator foramina	Small and somewhat angular
Acetabula	Small
Greater sciatic notch	Wide and shallow
Ilia	Low, more flaring in upper portion
SI articulations	Small, more oblique
Preauricular sulcus	Prominent and deep on left side
Sacrum	Short; broad superior and narrow inferiorly
Pelvis as a whole	Less massive (gracile), smooth
Brim	More circular

SUMMARY:

1. Female Pelvis.

EDUCATIONAL RESOURCES:

1. This is an excellent example of an adult female 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.

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