

AGE DETERMINATION IN ADULT REMAINS

General: Reading: Review all readings assigned on age determination in subadults before attempting this laboratory assignment. Other invaluable references are:

Scheuer, L and S. Black 2000 *Developmental Juvenile Osteology*. Academic Press, San Diego.

Scheuer, L and S. Black 2004 *The Juvenile Skeleton*. Academic Press, San Diego

I. Methods Using Ectocranial Suture Closure Method

After consulting the assigned reading and resources for determining age using ectocranial suture closure, determine the age of one of the provided specimens. Use the format provided below.

	R	L
1. Mid-lambdoid:		
2. Lambda:		
3. Obelion:		
4. Anterior sagittal:		
5. Bregma:		
6. Midcoronal		
7. Pterion:		
8. Sphenofrontal:		
9. Inf. Sphenotemp		
10. Sup. sphenotemp:		
Vault (1-7) Final Score		
Lat.-ant. (6-10) Score		
Vault Age Range:		
Lat-ant. Age Range		

II. METHODS USING THE SYMPHYSIS PUBIS

1. Utilizing Todd's description determine the age of one male and one female specimen (symphysis pubis bone) provided. [see White and Folkens (2005); Ubelaker (1989:75-77); Standards (1994:22); handouts, or other sources].
2. Using the Suchey & Brooks method determine the age for both specimens:

III. AGE DETERMINATION USING RIB ENDS

Using the age related changes in the sternal end of the fourth rib, determine the age of one of the specimens provided. [Consult White and Folkens (2005) and other resources prior to doing this lab assignment. Also consult lab demonstrations on this method.]

A. Rib OA-1 (female): Phase No.: _____ Age Range: _____

B. Rib OB-1 (male): Phase No.: _____ Age Range: _____

C. Rib C (male): Phase No.: _____ Age Range: _____

IV. AURICULAR SURFACE AGING

The auricular surface aging method is a relatively new method for determining age in adult skeletal remains (Lovejoy et al, 1985). After reviewing this method in your texts (Standards 1994:24-32; Ubelaker 1989:81-83; White and Folkens 2005, and handouts, determine the age of one specimens for this part of the lab.

A. Specimen OA-4♀ Phase: _____ Age: _____

B. Specimen OA-1♀ Phase: _____ Age: _____