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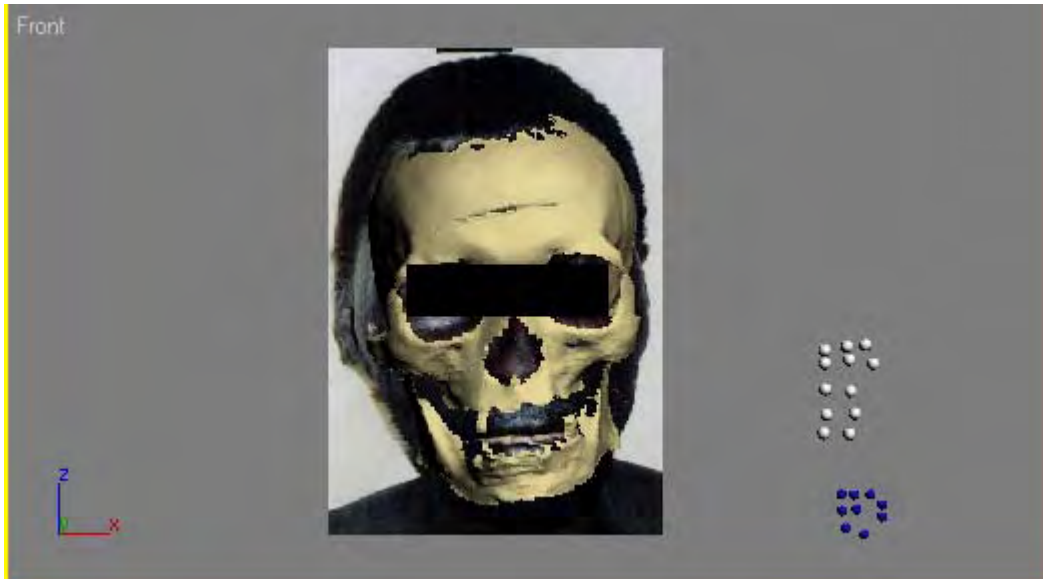
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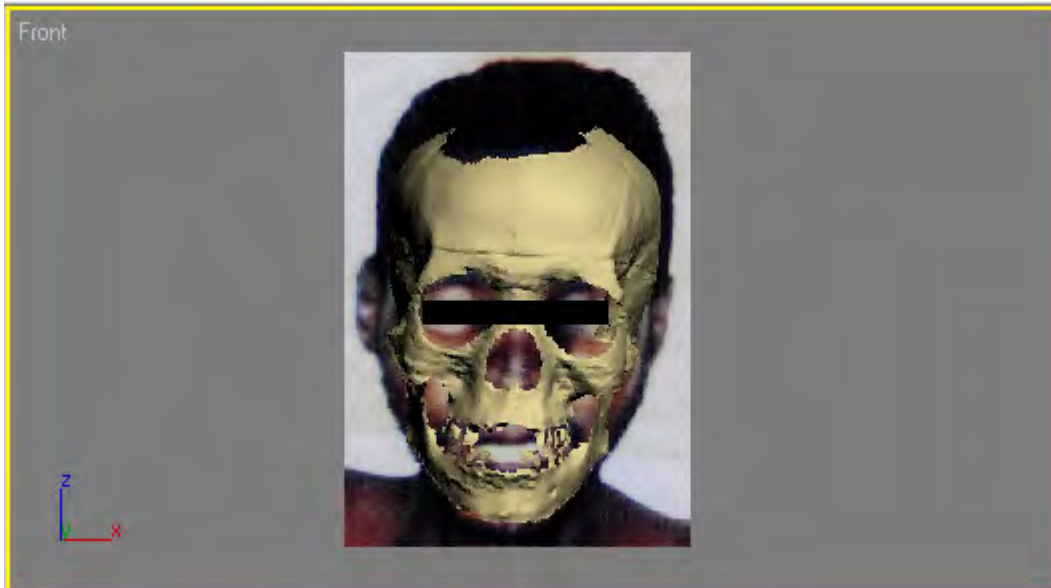
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Appendix A: Photographs with their correct skulls (morphological assessment)



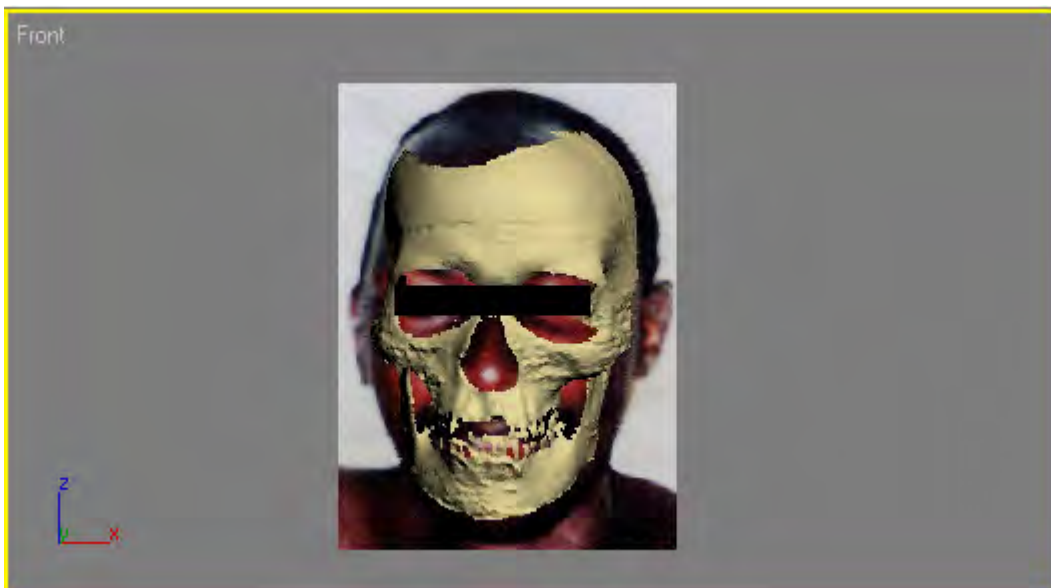
6142 skull i morphological

The correct skull was matched to the photograph.



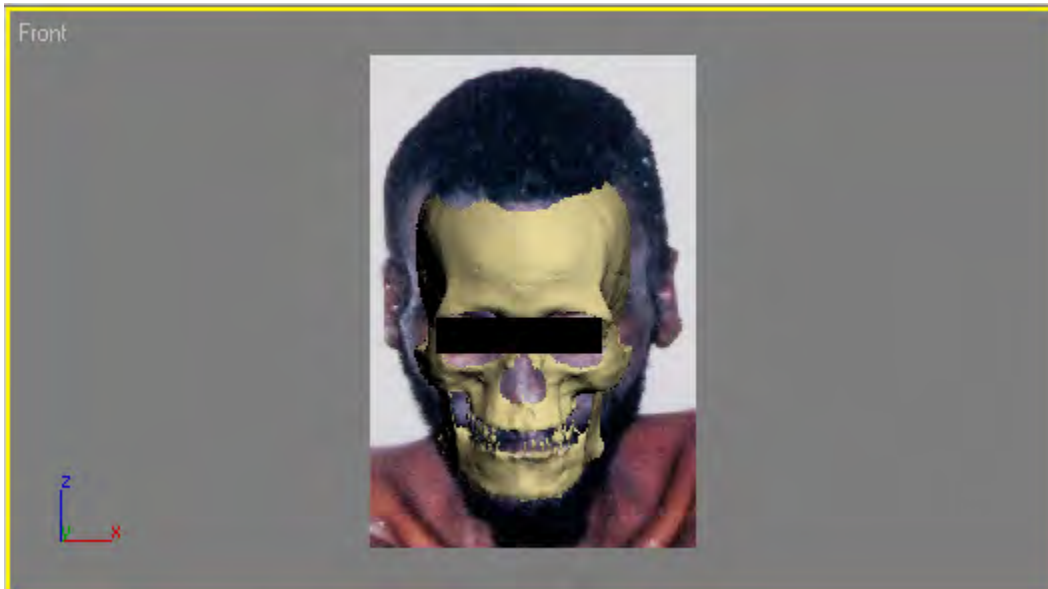
6231 skull g morphological

The correct skull (only the correct skull) was matched to the photograph.



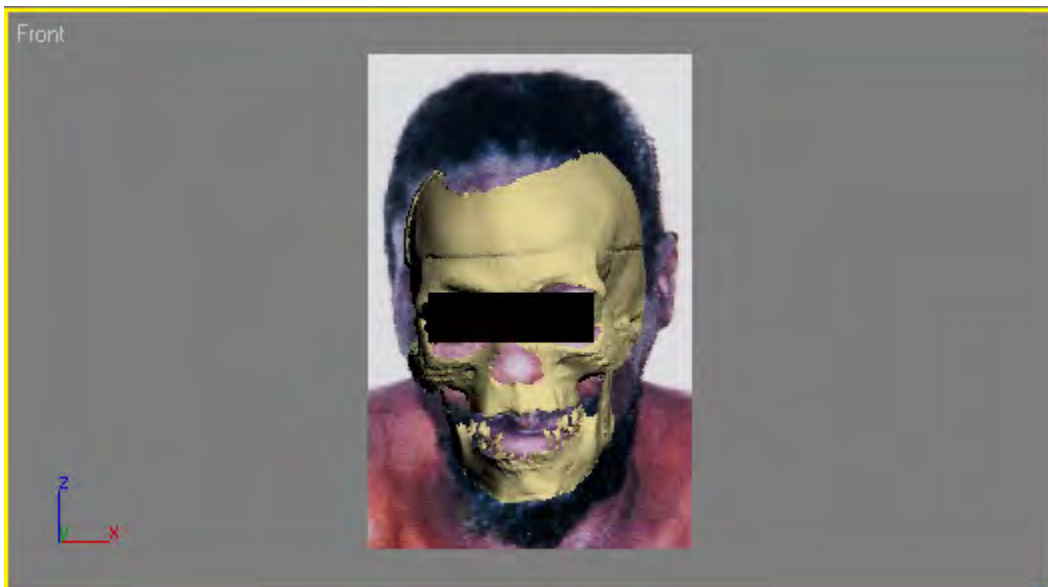
6325 skull j morphological

The correct skull was matched to the photograph.



6280 skull i morphological

The correct skull was matched to the photograph.



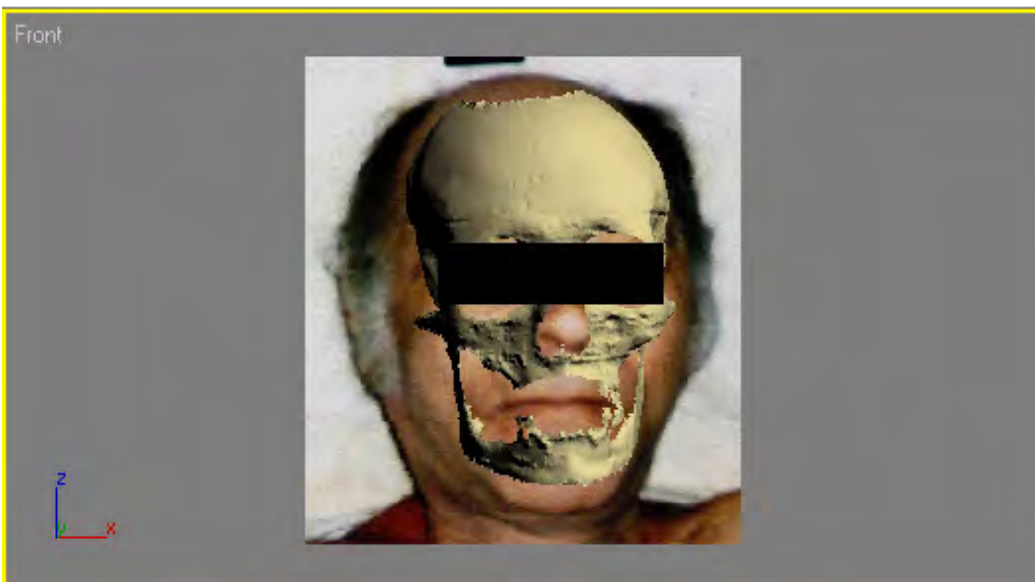
6281 skull j morphological

The correct skull was matched to the photograph.



6219 skull j morphological

The correct skull was matched to the photograph. From the scan and photograph it's evident that this individual wore dentures.



6228 skull i morphological

The correct skull was matched to the photograph.



6264 skull g morphological

The correct skull was matched to the photograph.



6306 skull g morphological

The correct skull was not matched to the photograph.



6307 skull j morphological

The correct skull was matched to the photograph. The mandibular area was ignored due to the mouth area being problematic- it is evident that this individual wore dentures and distortion of the lip area has occurred with the dentures being removed.



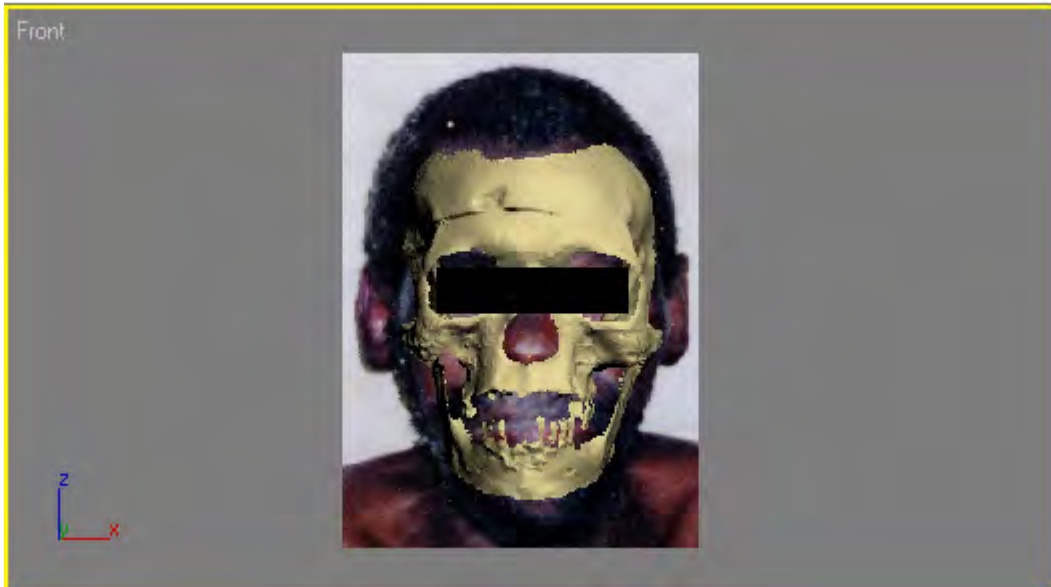
6288 skull i morphological

The correct skull was not matched to the photograph.



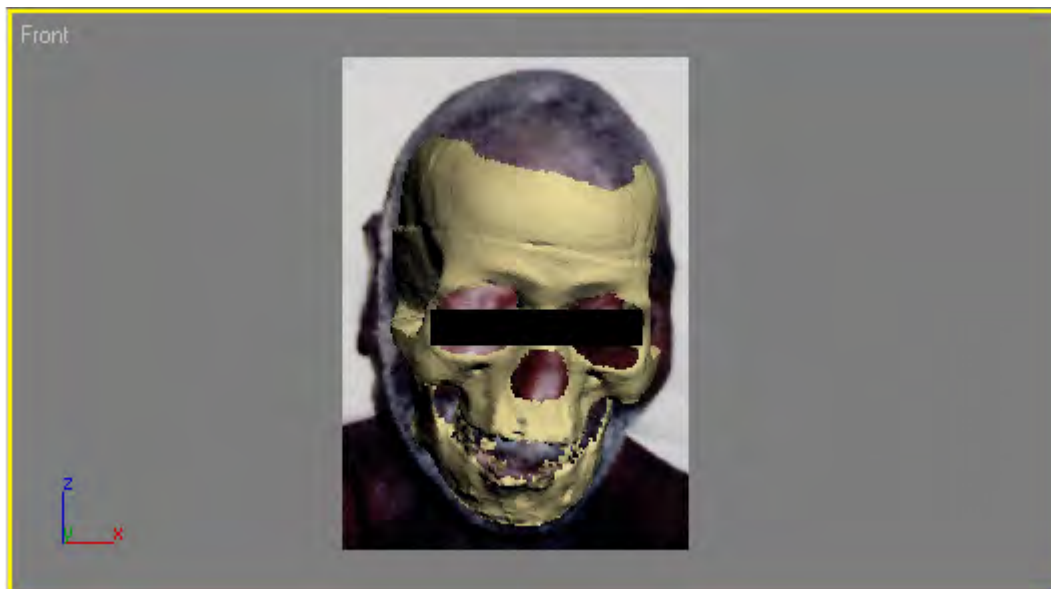
6310 skull j morphological

The correct skull was matched to the photograph. The mandibular area was ignored due to the mouth being slightly open.



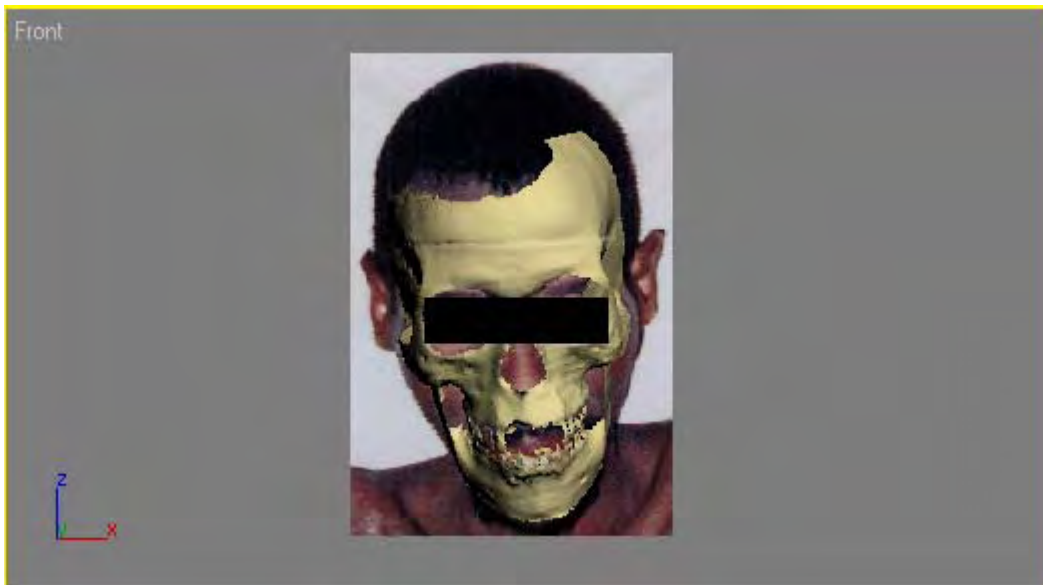
6292 skull i morphological

The correct skull was matched to the photograph.



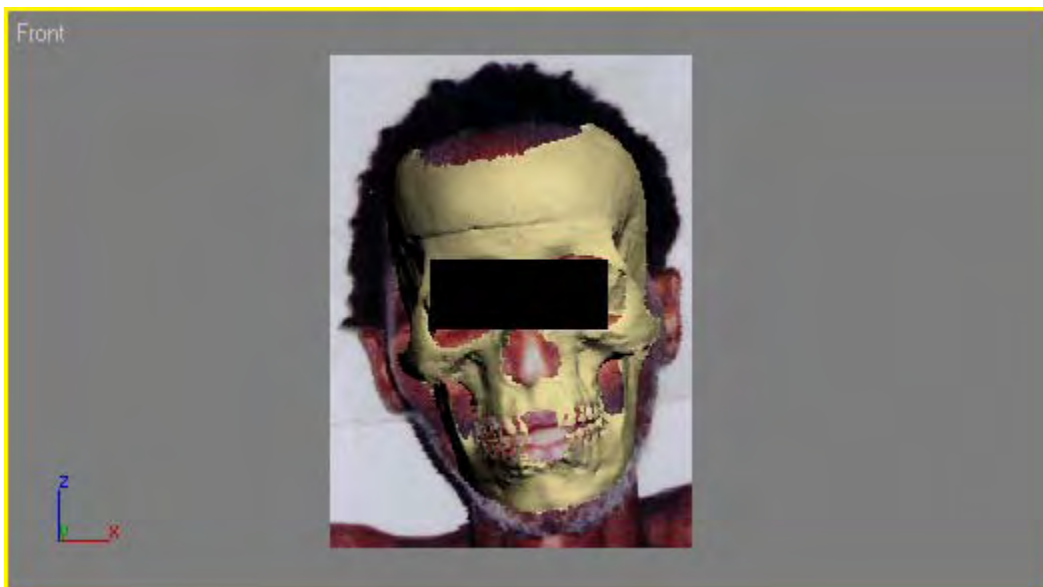
6301 skull i morphological

The correct skull was matched to the photograph.



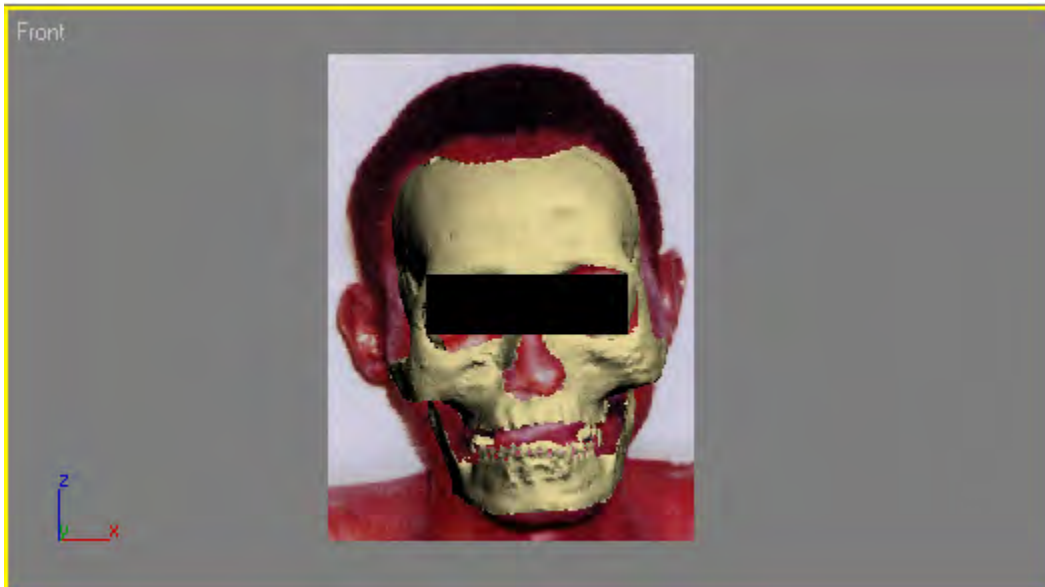
6305 skull j morphological

The correct skull was matched to the photograph.



6309 skull j morphological

The correct skull was matched to the photograph.



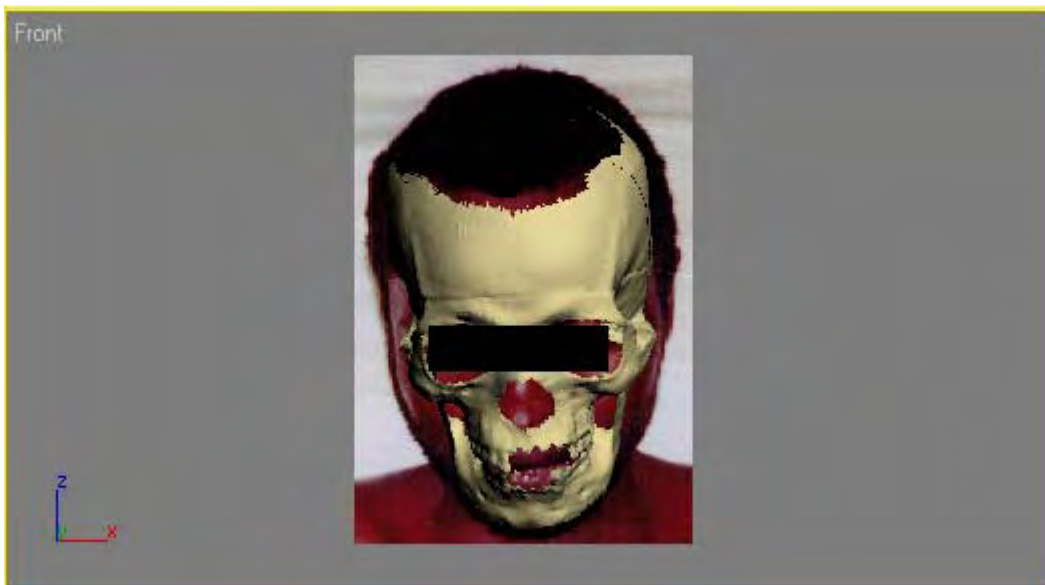
6323 skull i morphological

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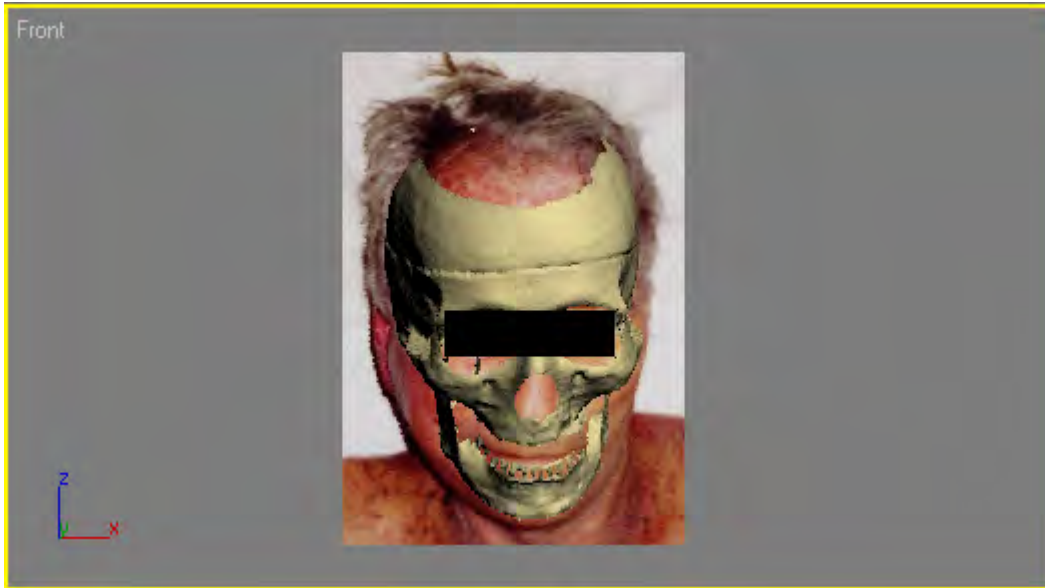
6325 skull i morphological

The correct skull was matched to the photograph.



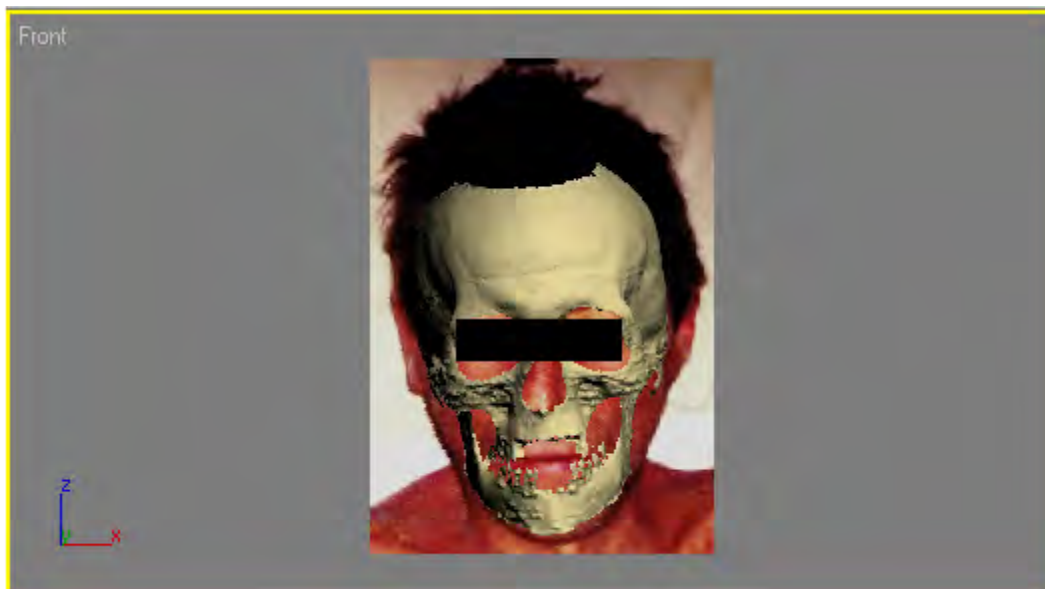
6314 skull e morphological

The correct skull was matched to the photograph.



6367 skull j morphological

The correct skull was matched to the photograph.



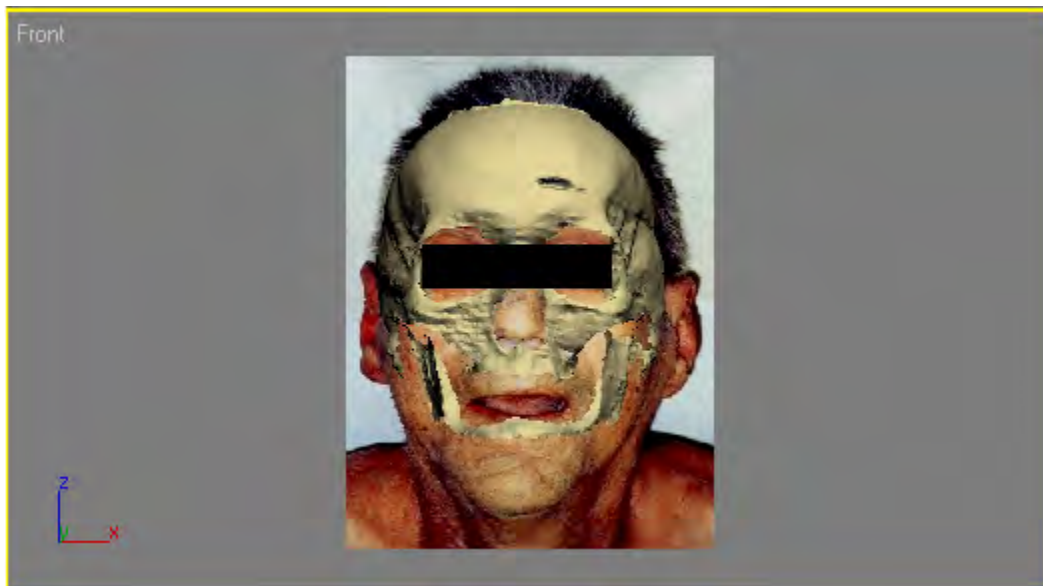
6374 skull j morphological

The correct skull was matched to the photograph.



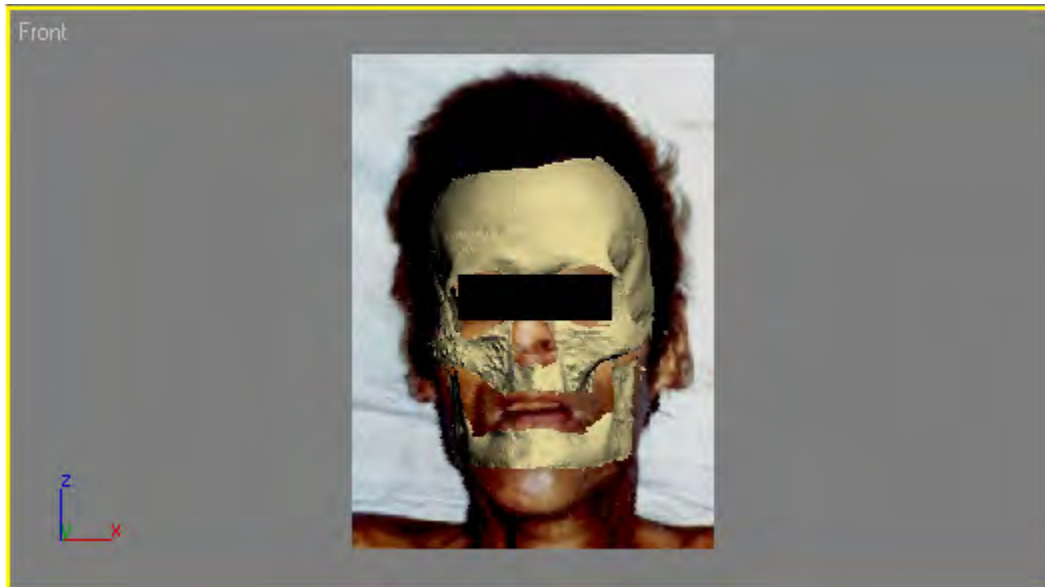
6391 skull j morphological

The correct skull was matched to the photograph.



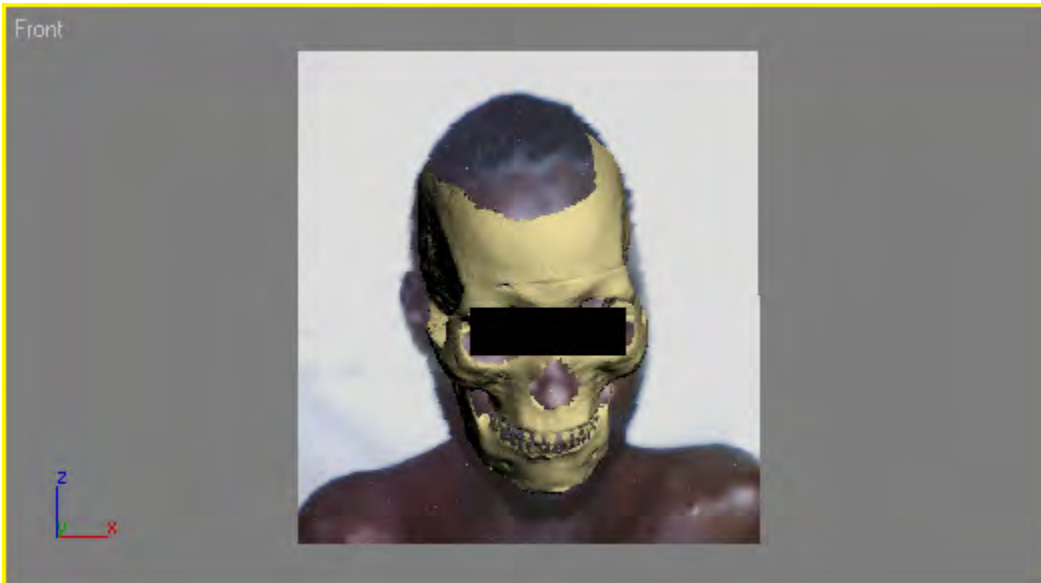
6207 skull a morphological

The correct skull was matched to the photograph. The mandibular area was ignored due to the mouth being open.



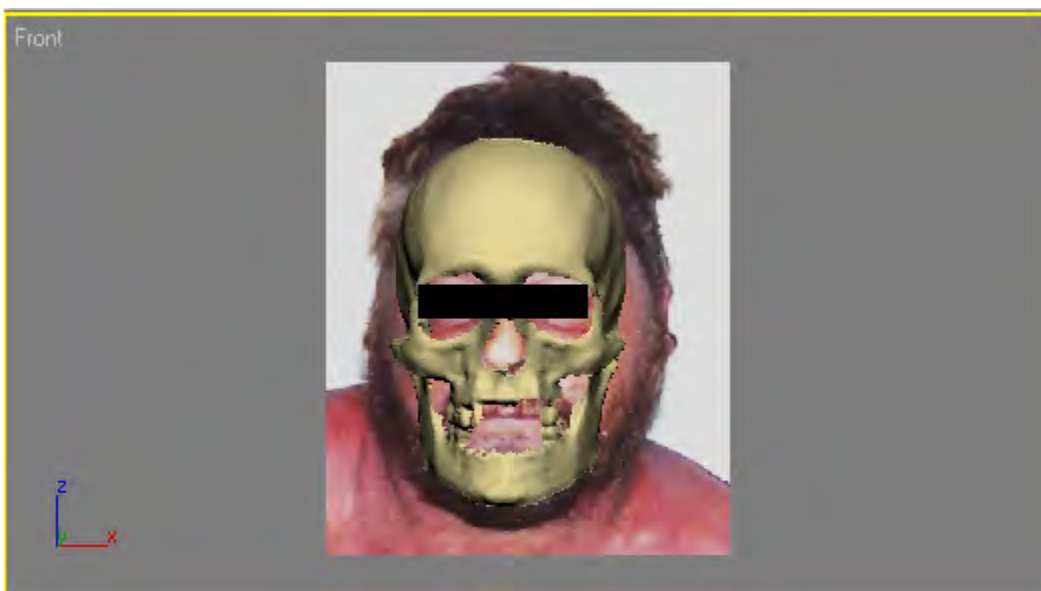
6269 skull a morphological

The correct skull was matched to the photograph. The mandibular area was ignored due to the mouth being open.



6218 skull g morphological

The correct skull was matched to the photograph.



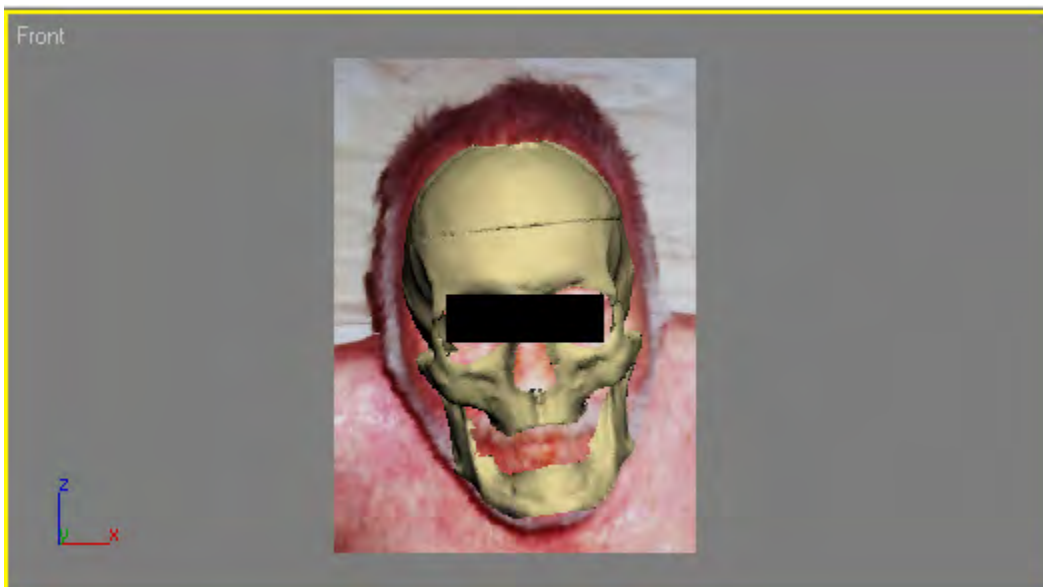
6248 skull c morphological

The correct skull was matched to the photograph.



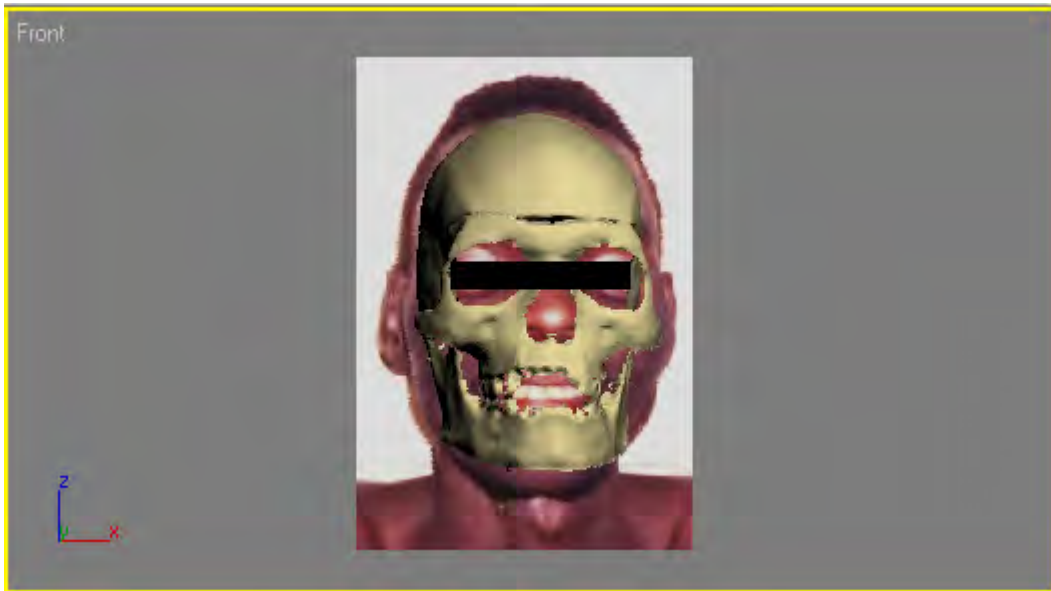
6317 skull f morphological

The correct skull was matched to the photograph.



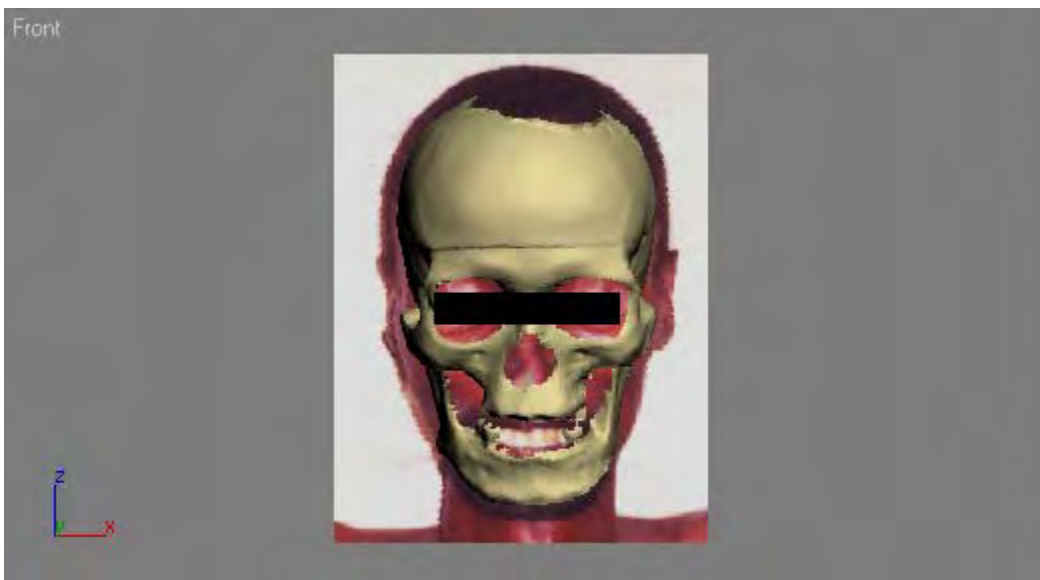
6327 skull c morphological

The correct skull was matched to the photograph.



6371 skull b morphological

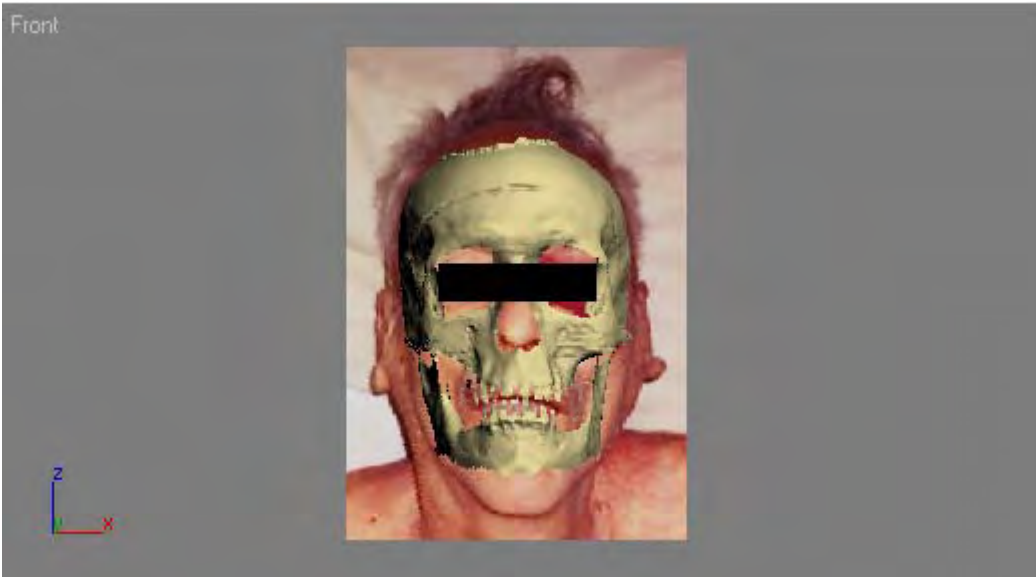
The correct skull was matched to the photograph.



6376 skull g morphological

The correct skull was matched to the photograph.

Front



6381 skull d morphological

The correct skull was matched to the photograph. The mandibular area was ignored due to the mouth being open.

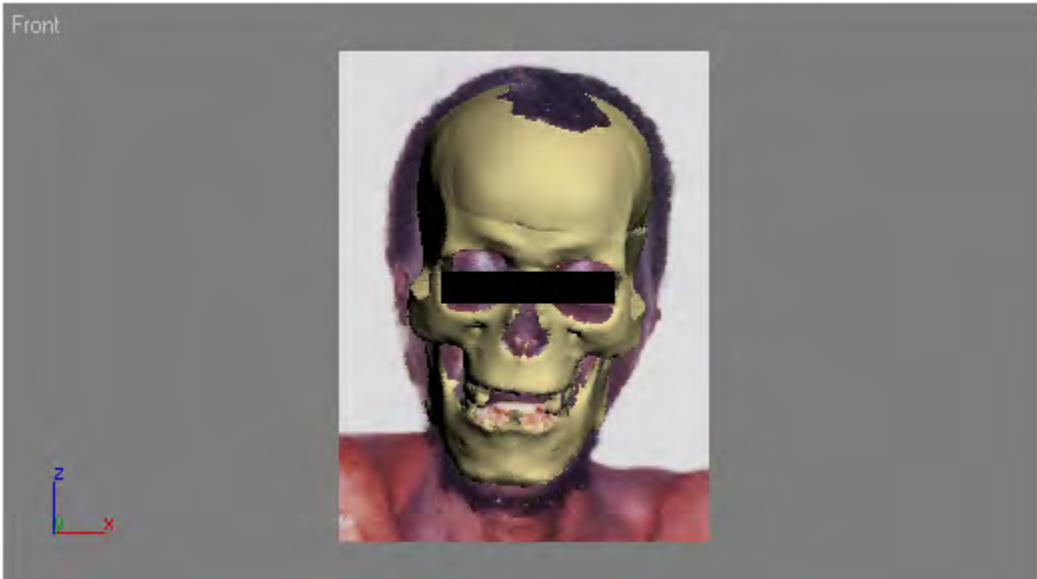
Front



6385 skull f morphological

The correct skull was not matched to the photograph.

Front



6299 skull a morphological

The correct skull was matched to the photograph.

Front



6283 skull a morphological

The correct skull was not matched to the photograph.

Front



6242 skull g morphological

The correct skull was matched to the photograph.

Front



6210 skull i morphological

The correct skull was matched to the photograph.

Front



6230 skull g morphological

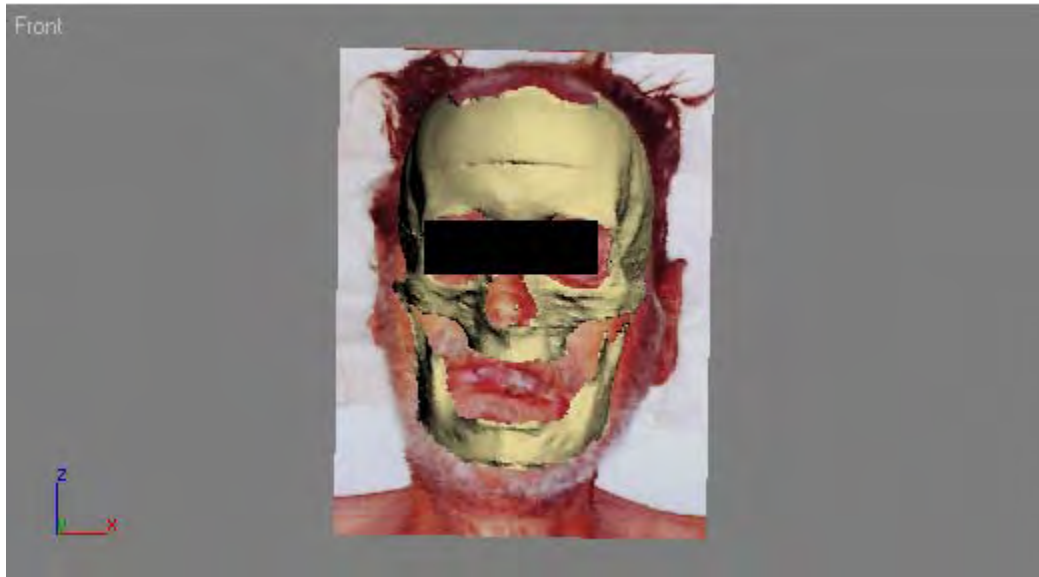
The correct skull was not matched to the photograph.

Front



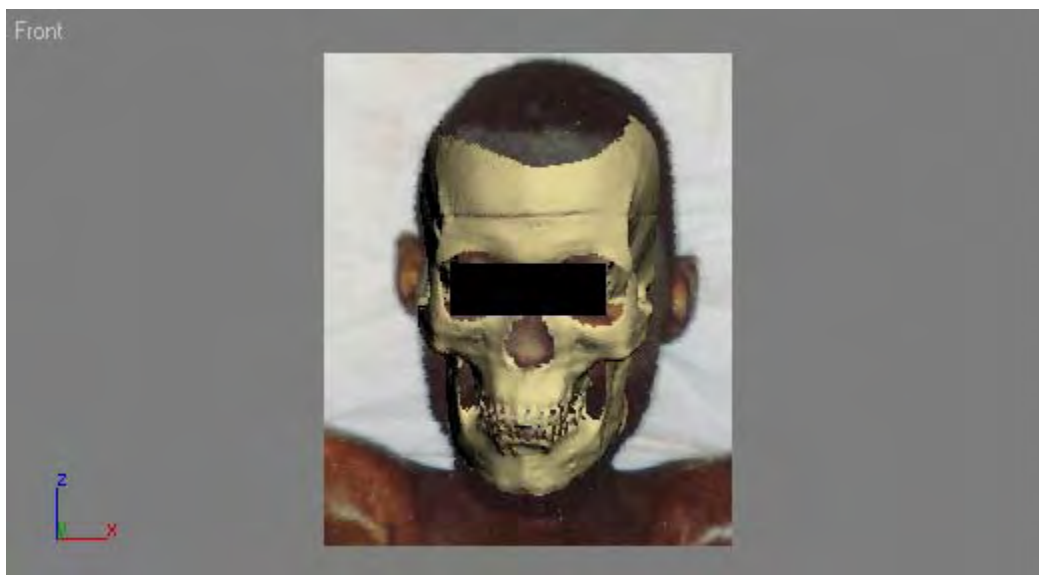
6253 skull h morphological

The correct skull was matched to the photograph. The mandibular area was ignored due to the mouth being open.



6316 skull c morphological

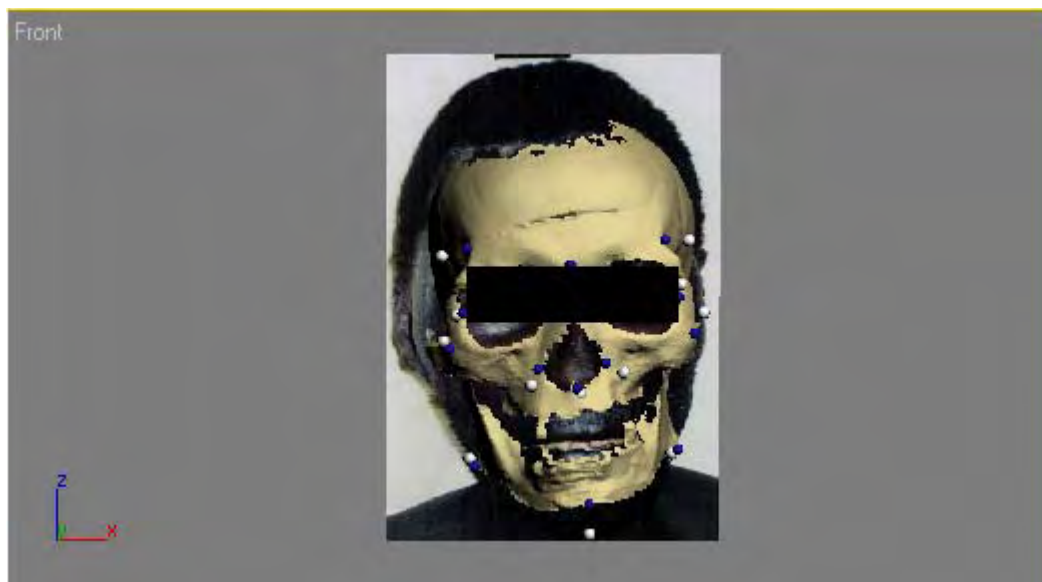
The correct skull was matched to the photograph. The mandibular area was ignored due to the mouth being open.



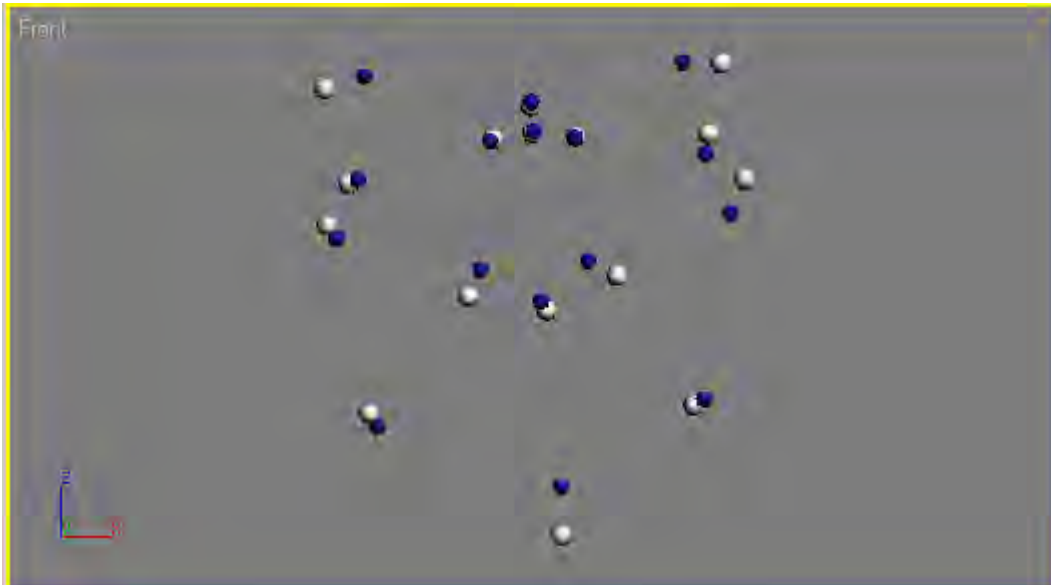
6220 skull e morphological

The correct skull was matched to the photograph.

Appendix B: Photographs with their correct skulls (landmark based assessment)

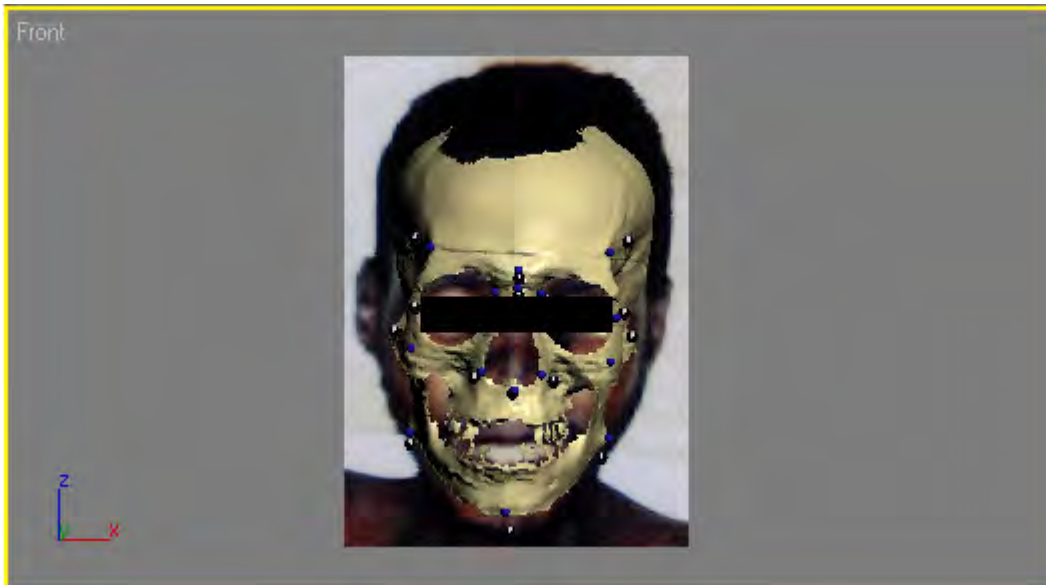


6142 skull i match



6142 skull i dot match

The correct skull was matched to the photograph.

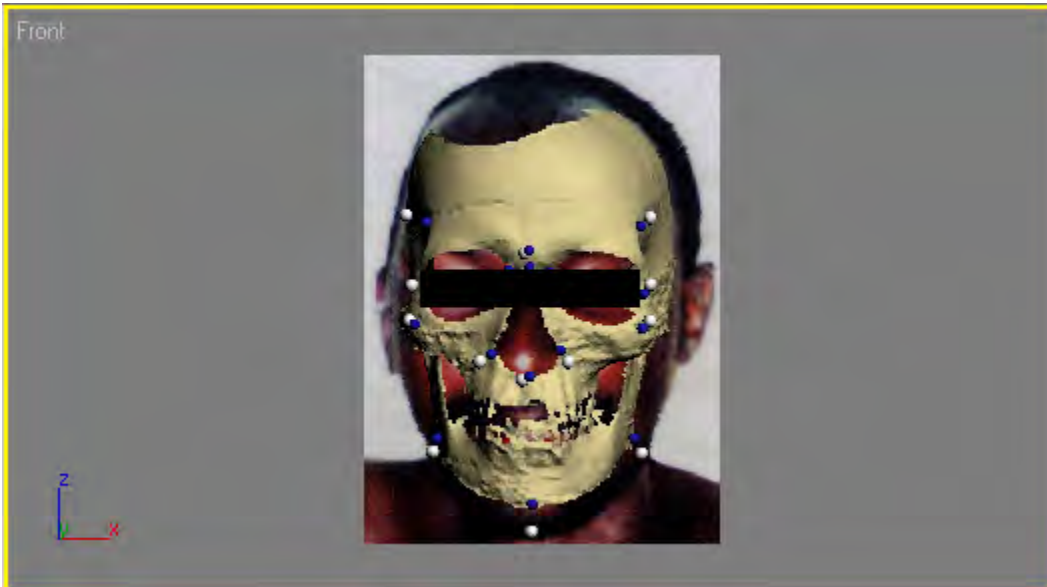


6231 skull g match



6231 skull g dot match

The correct skull was matched to the photograph.

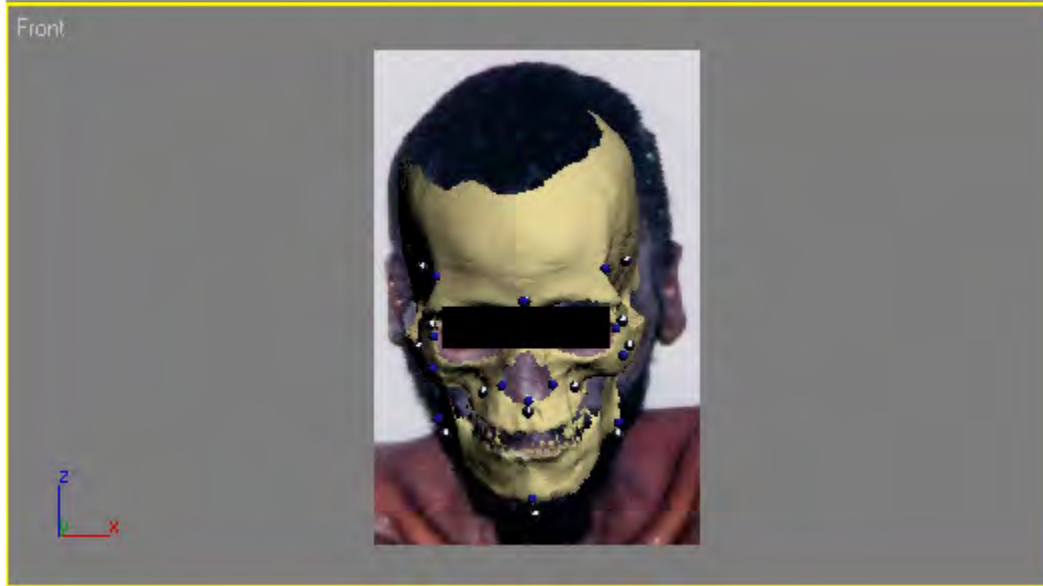


6325 skull j match

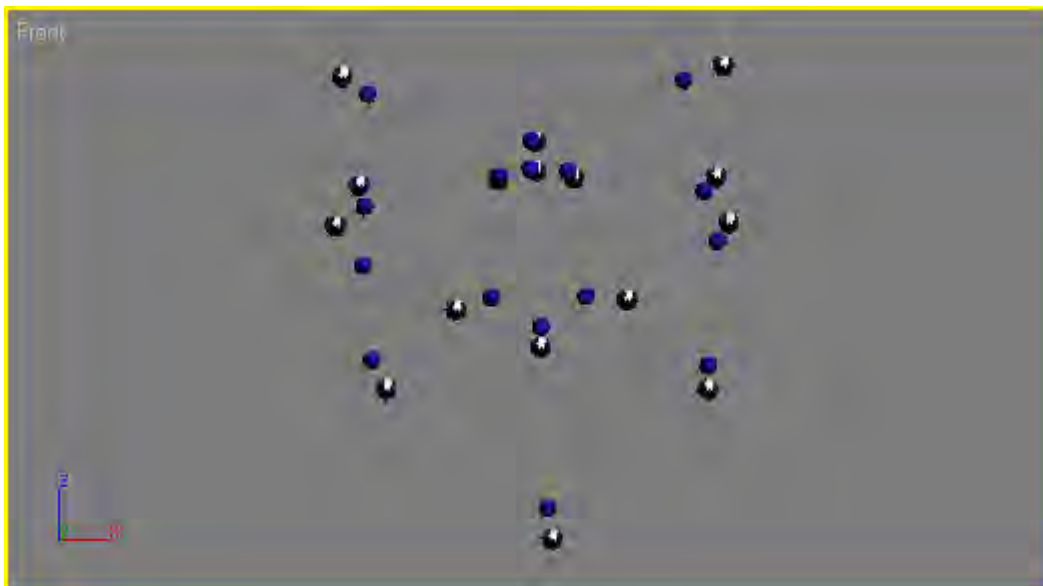


6325 skull j dot match

The correct skull was matched to the photograph.

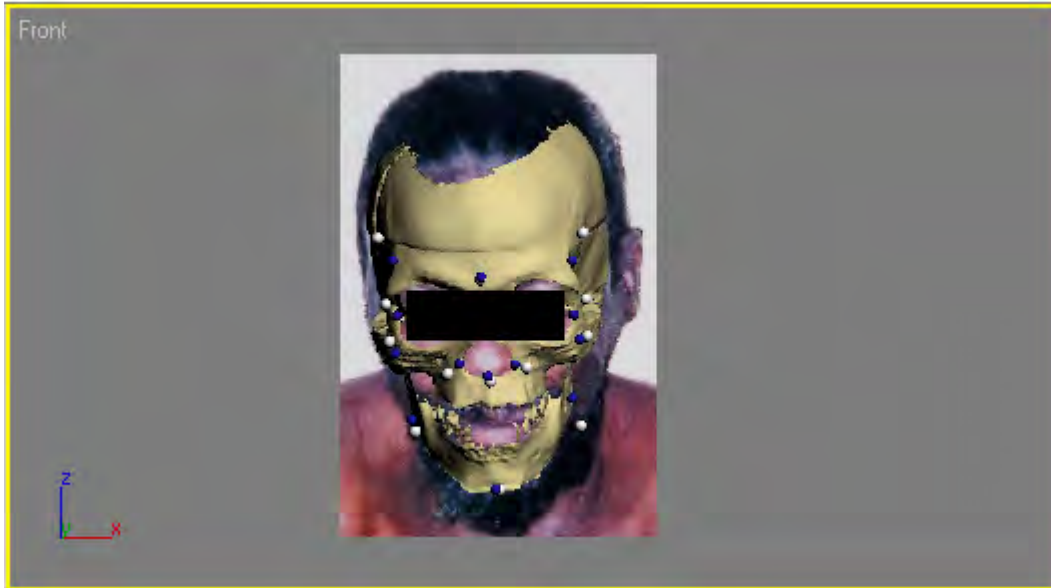


6280 skull i match

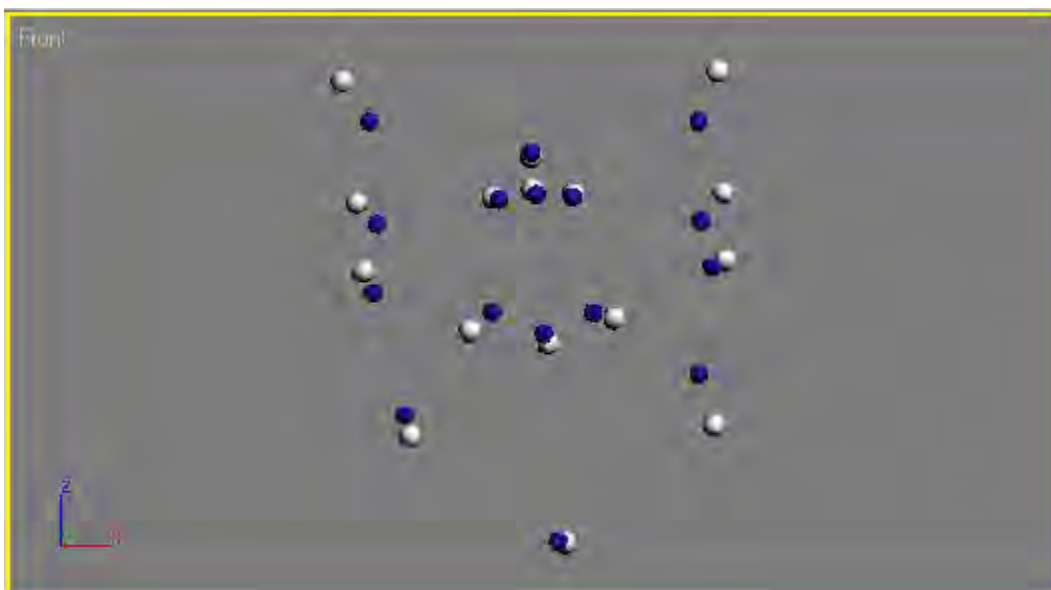


6280 skull i dot match

The correct skull was matched to the photograph.

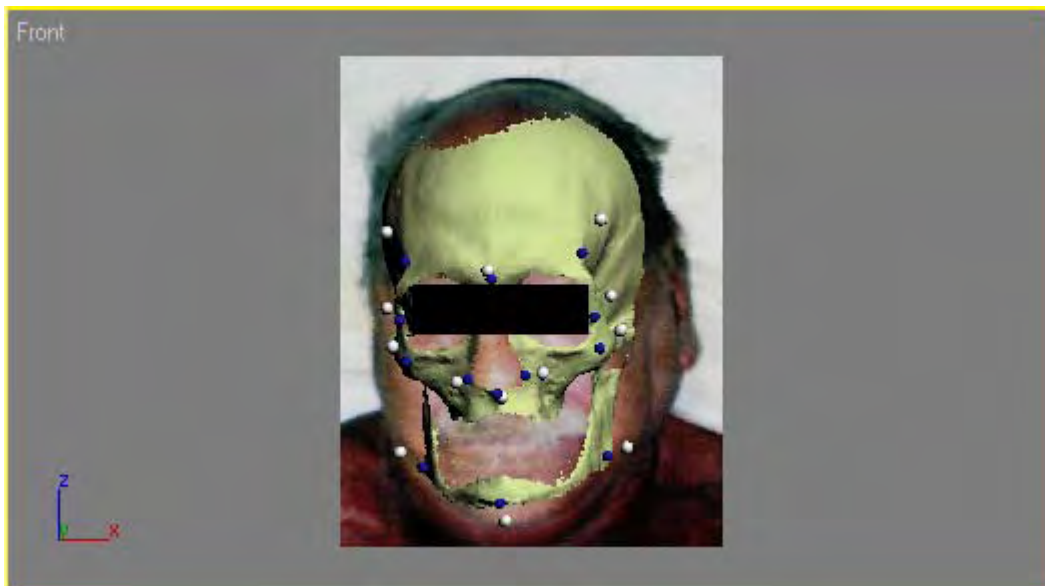


6281 skull j match



6281 skull j dot match

The correct skull was not matched to the photograph.

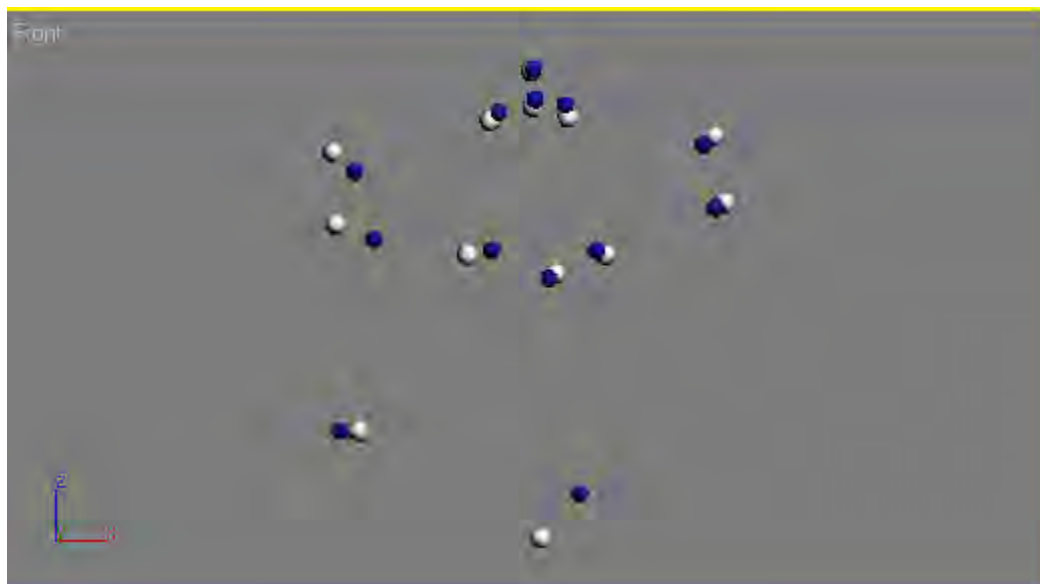
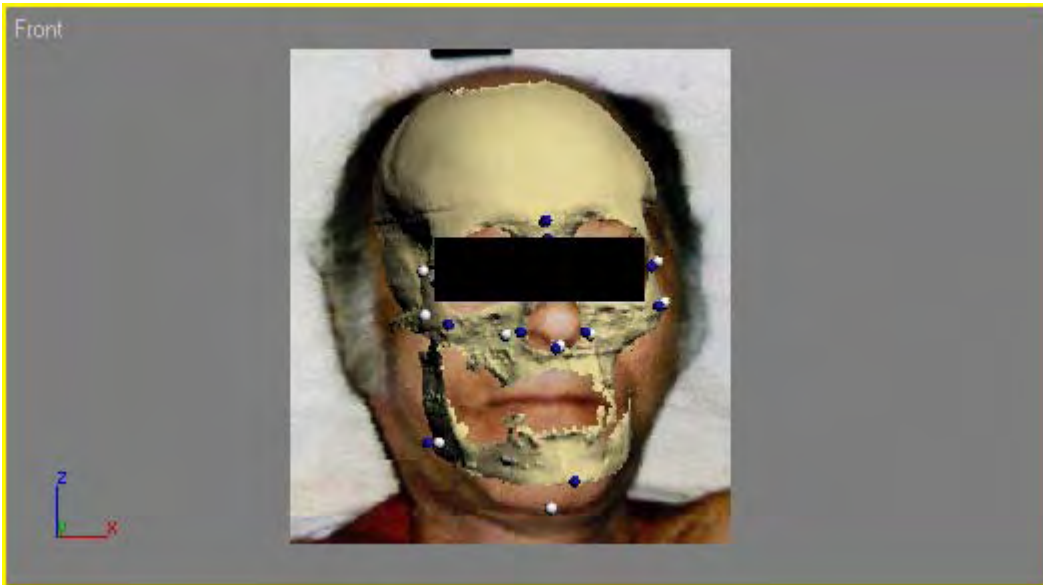


6219 skull j match



6219 skull j dot match

The correct skull was not matched to the photograph.



The correct skull was matched to the photograph.

Front



6264 skull g match

Front

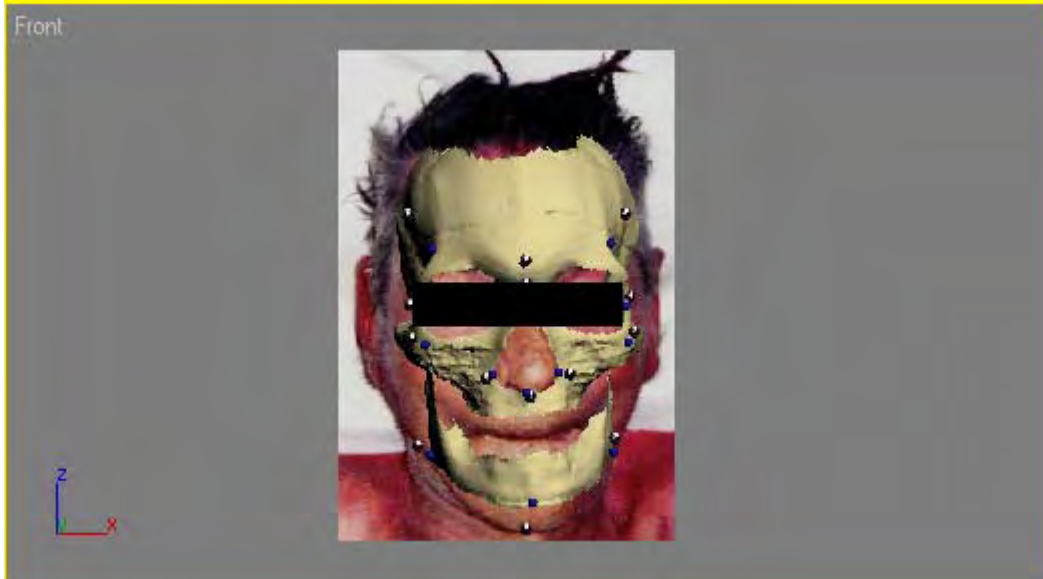


6264 skull g dot match

The correct skull was matched to the photograph.



The correct skull was matched to the photograph.



6307 skull j match

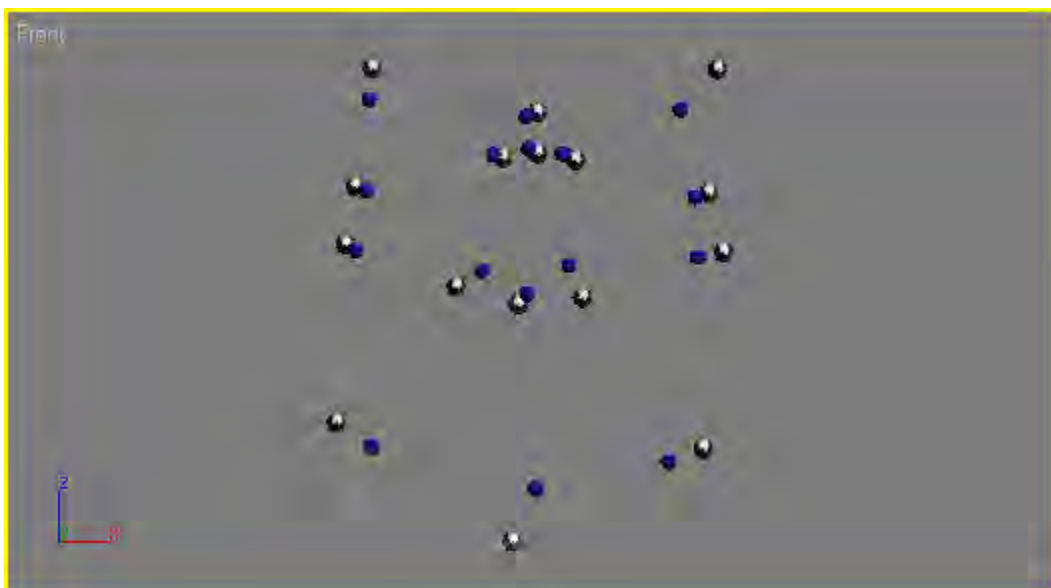


6307 skull j dot match

The correct skull was matched to the photograph.



6288 skull i match

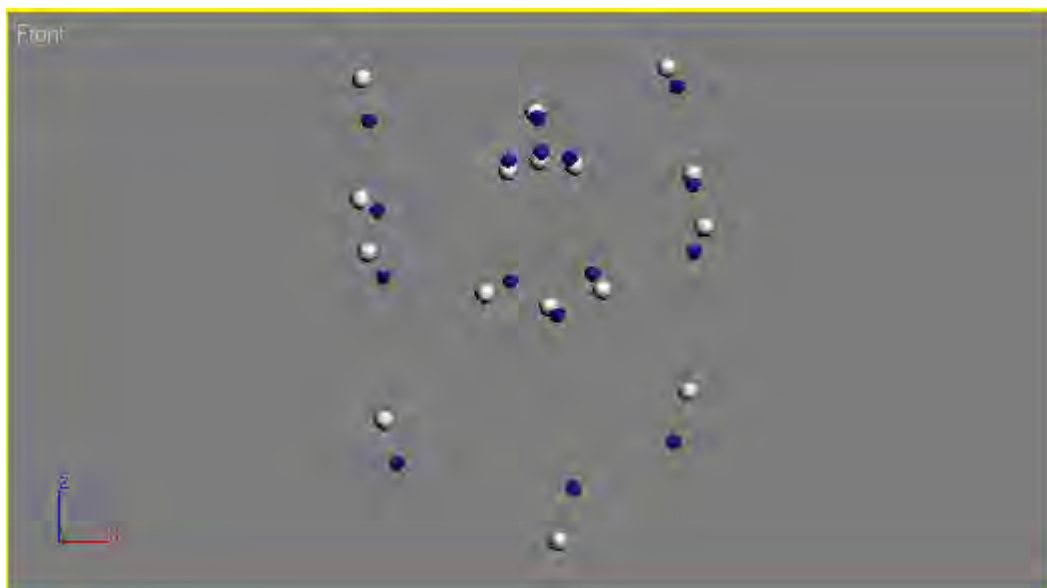


6288 skull i dot match

The correct skull was matched to the photograph.

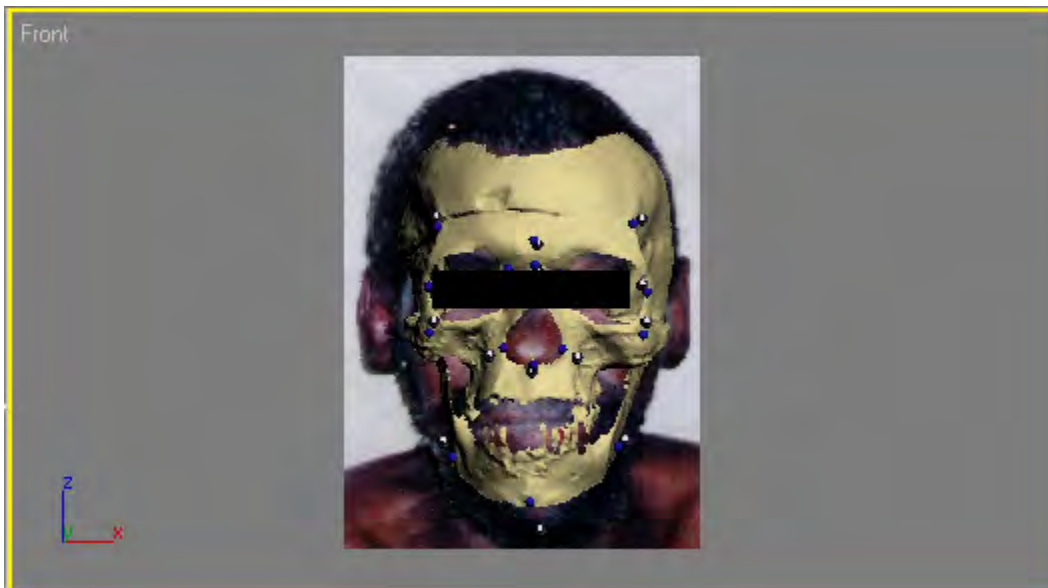


6310 skull j match



6310 skull j dot match

The correct skull was matched to the photograph.

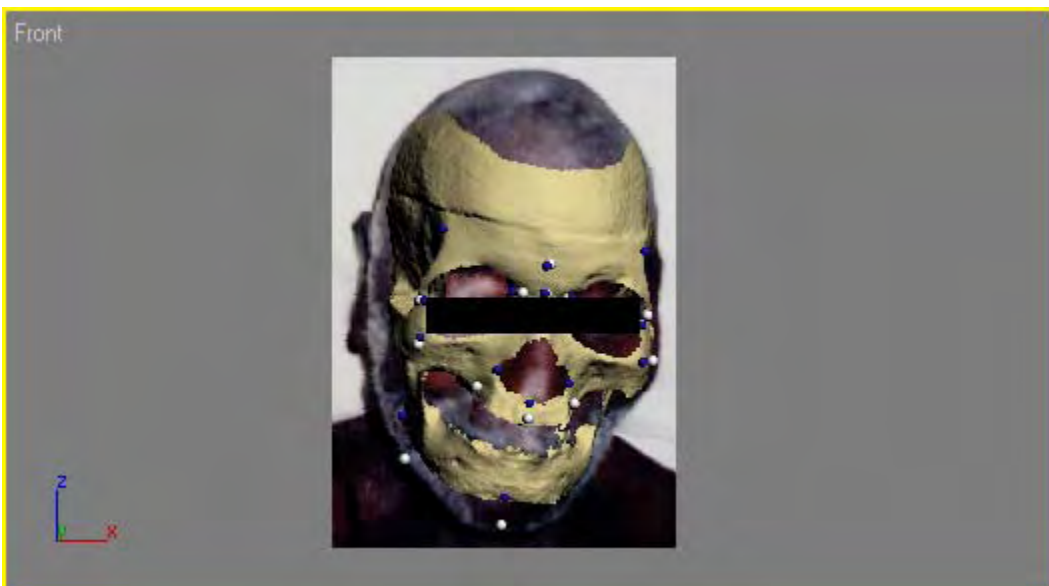


6292 skull i match

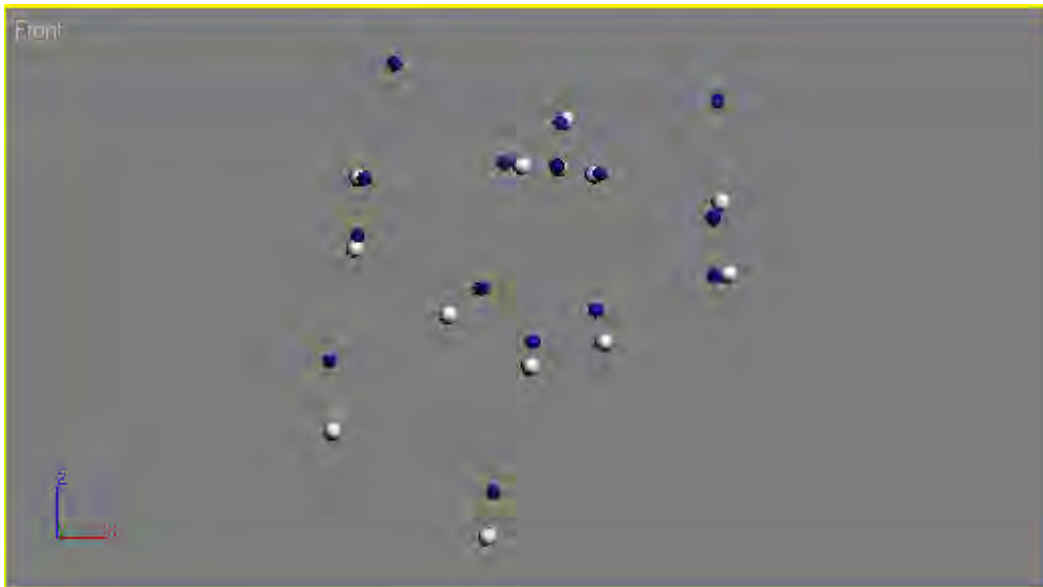


6292 skull i dot match

The correct skull was matched to the photograph.

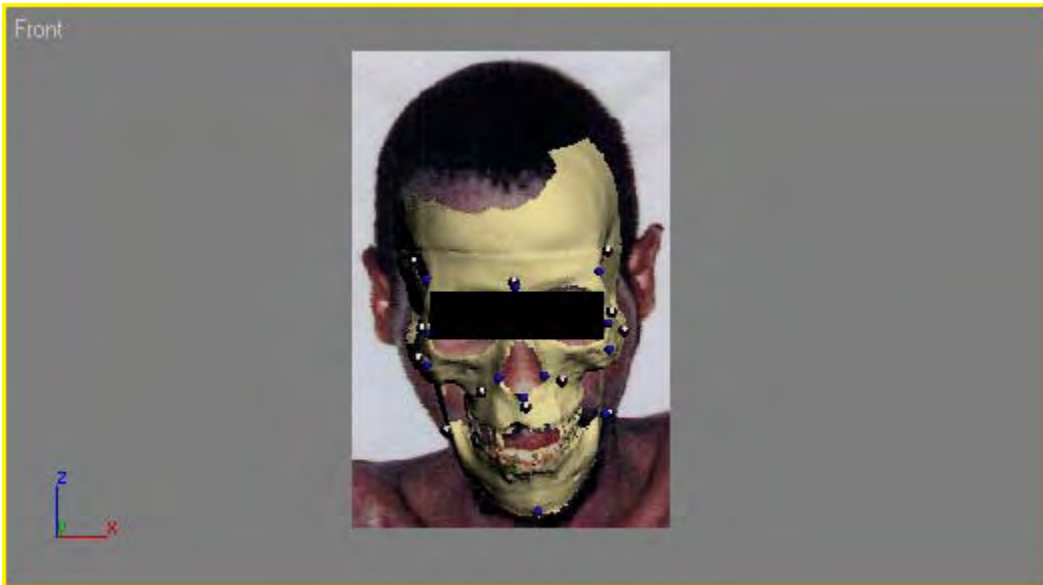


6301 skull j match



6301 skull j dot match

The correct skull was matched to the photograph.

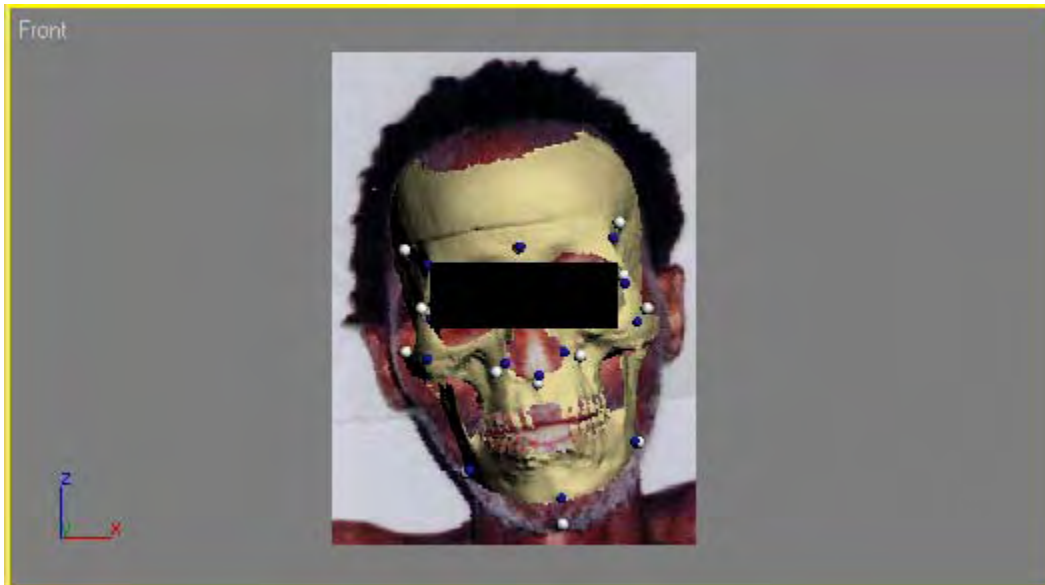


6305 skull j match

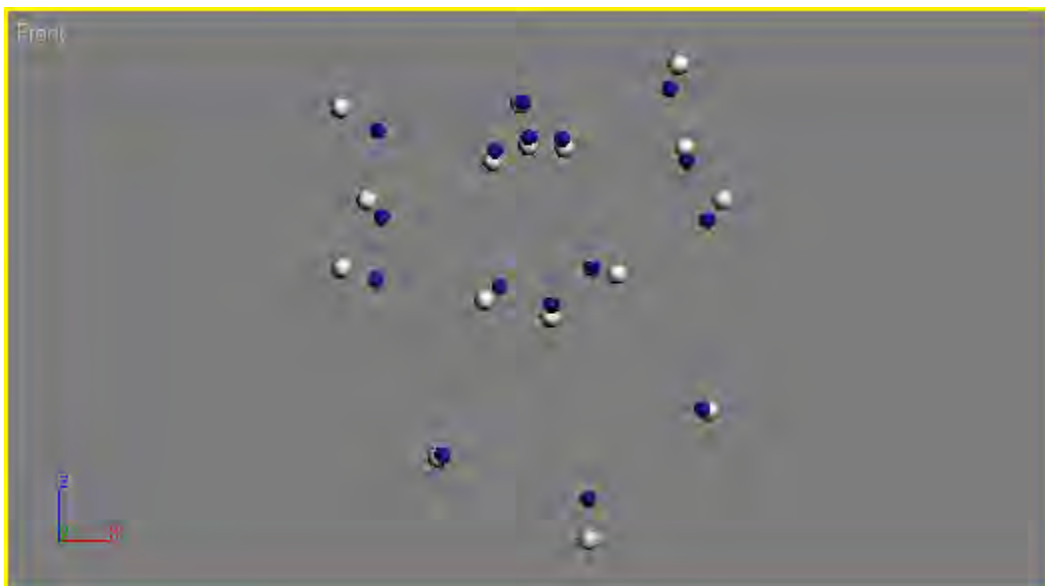


6305 skull j dot match

The correct skull was matched to the photograph.

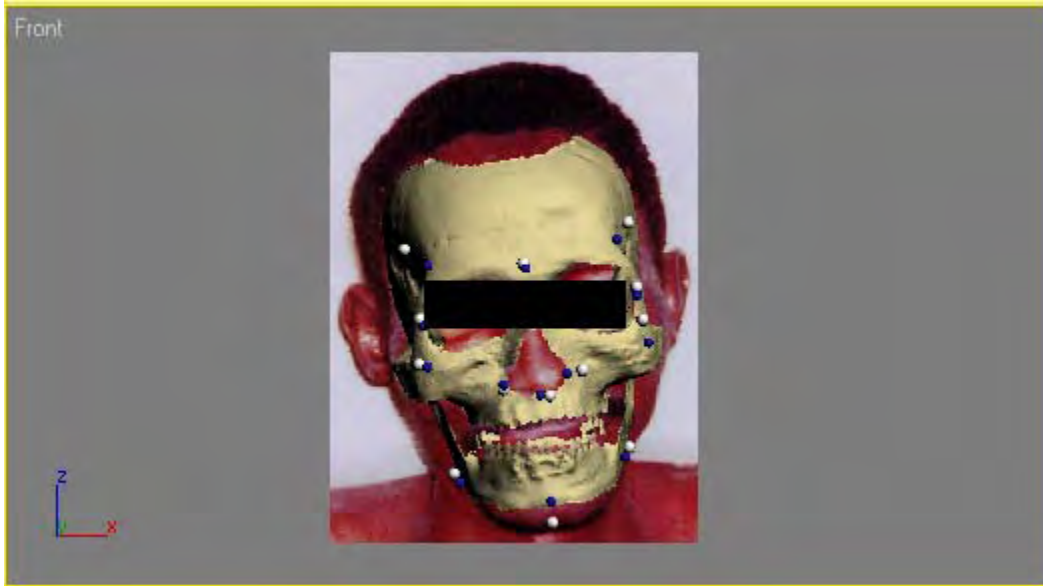


6309 skull j match

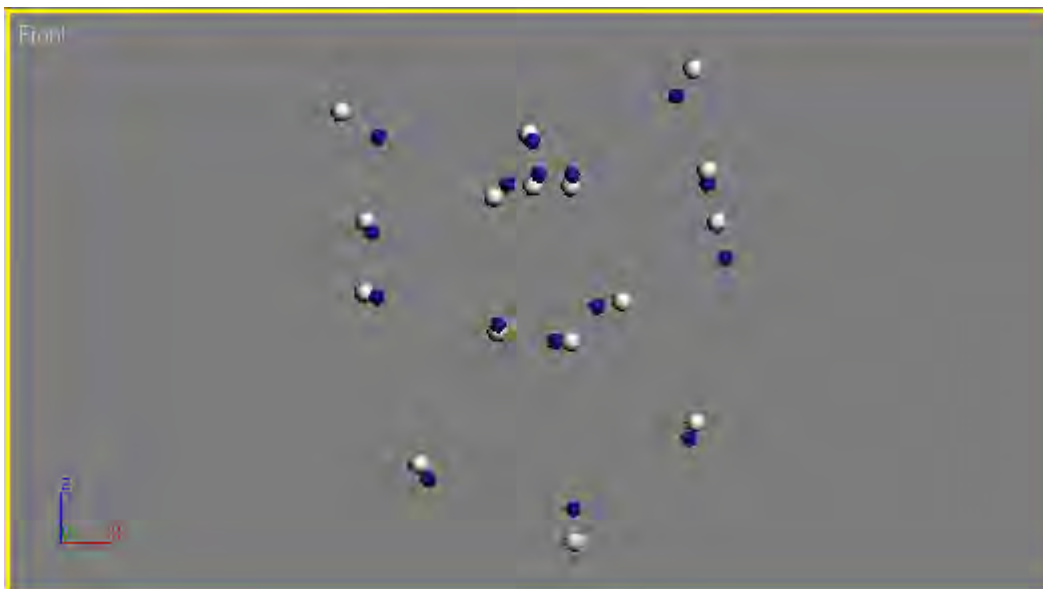


6309 skull j dot match

The correct skull was matched to the photograph.

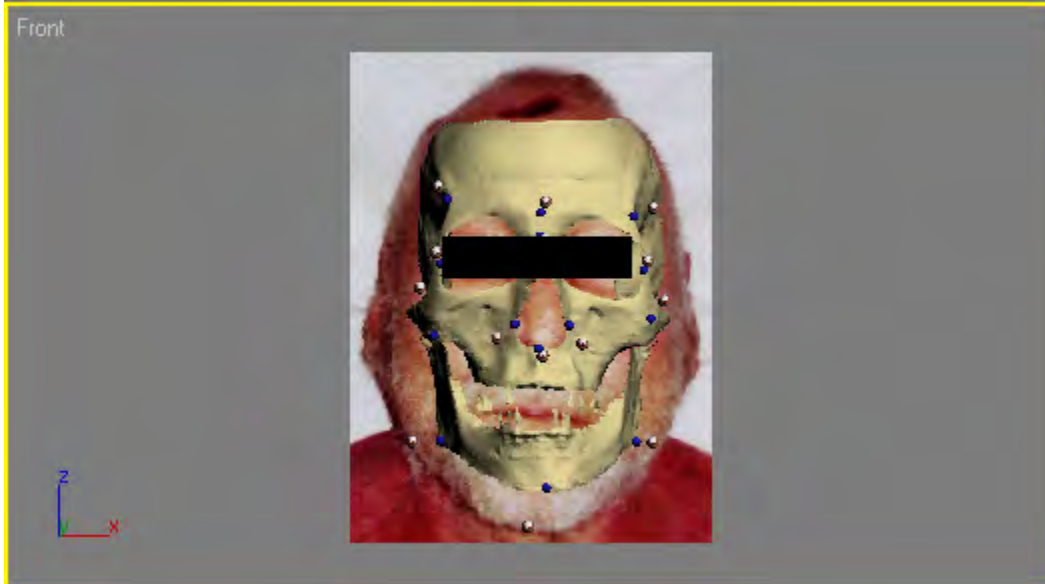


6323 skull i match

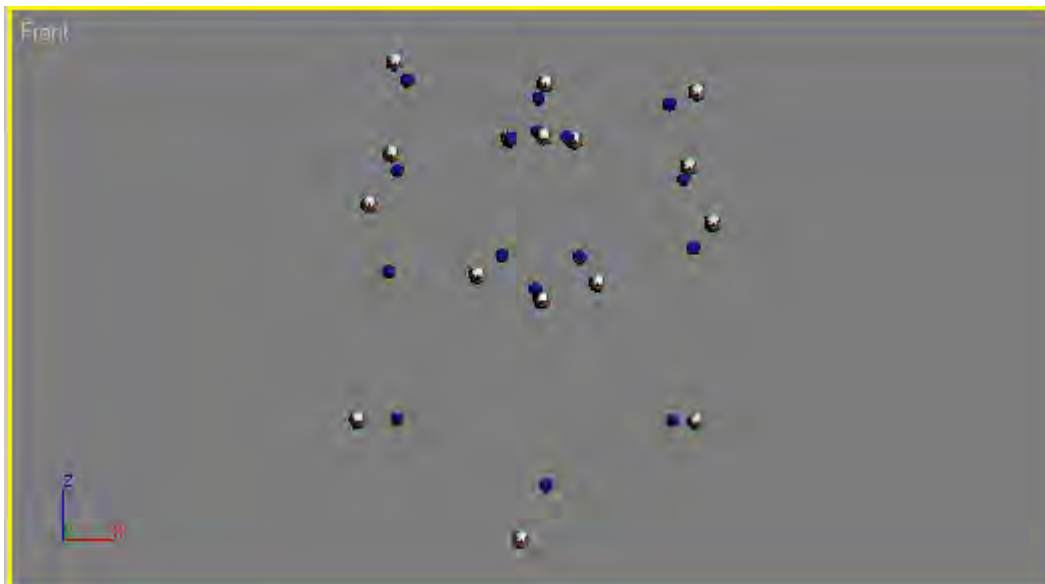


6323 skull i dot match

The correct skull was matched to the photograph.

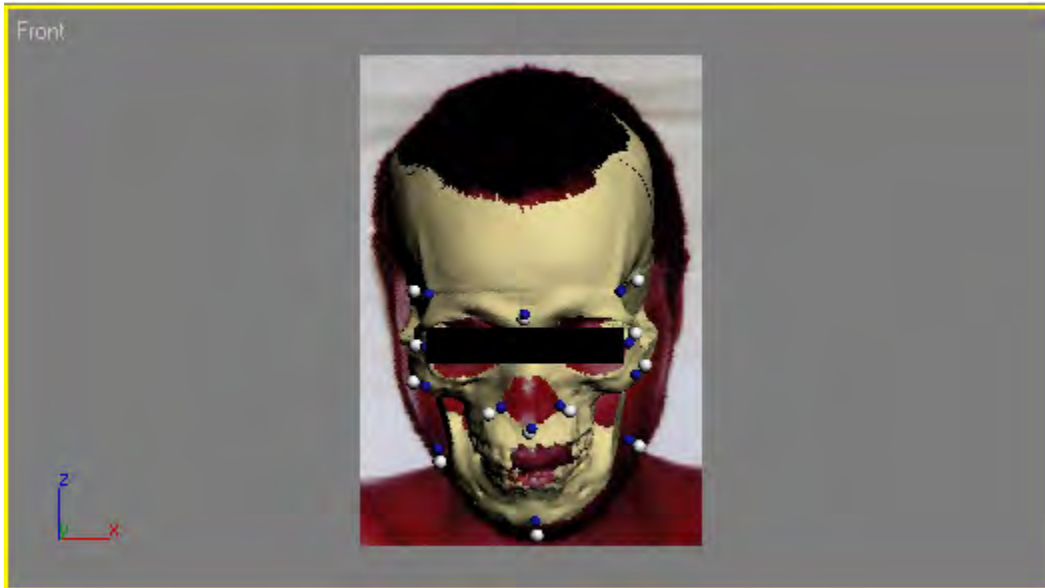


6325 skull i match



6325 skull i dot match

The correct skull was matched to the photograph.

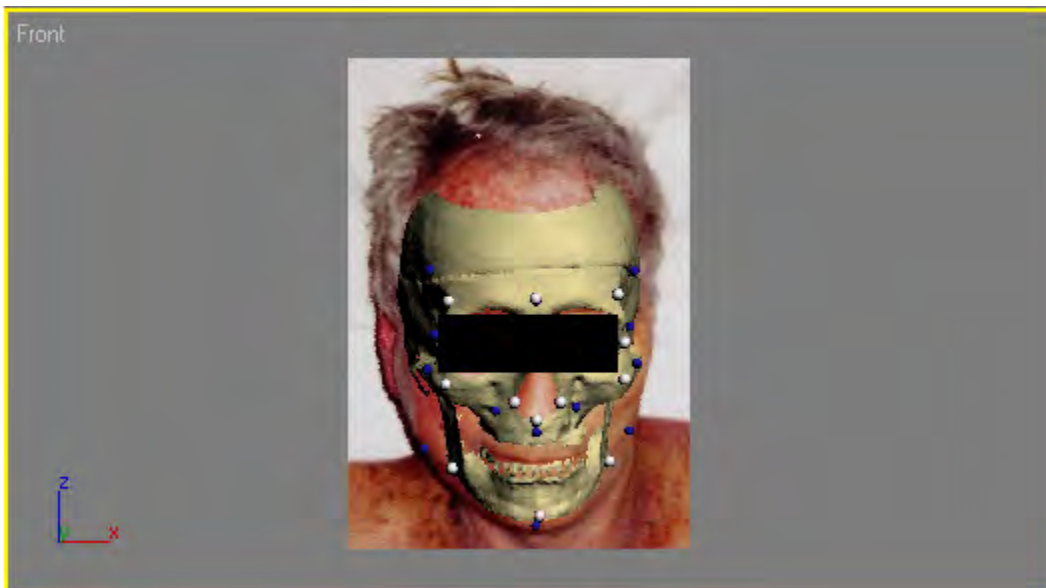


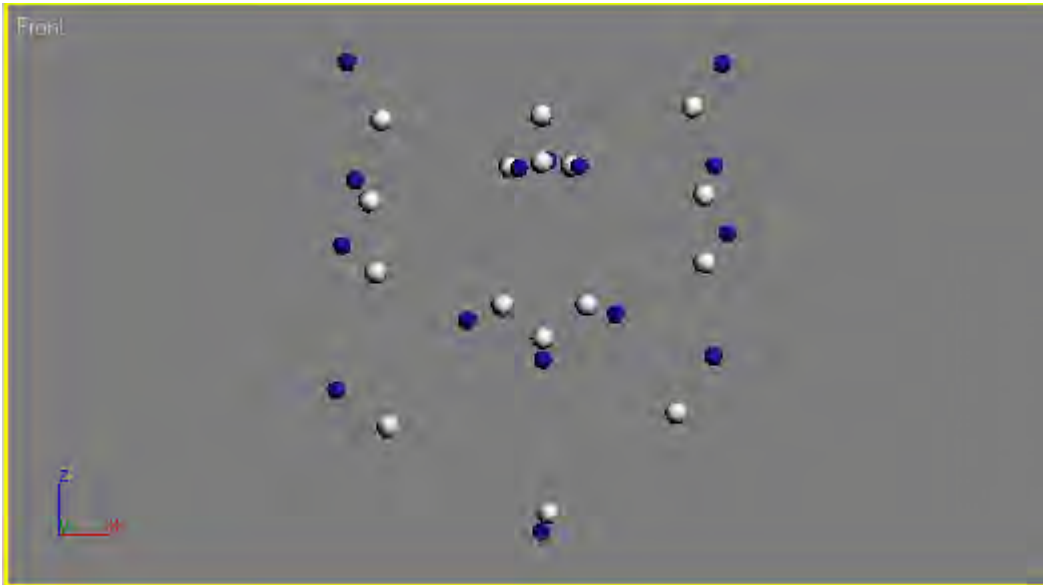
6314 skull e match



6314 skull e dot match

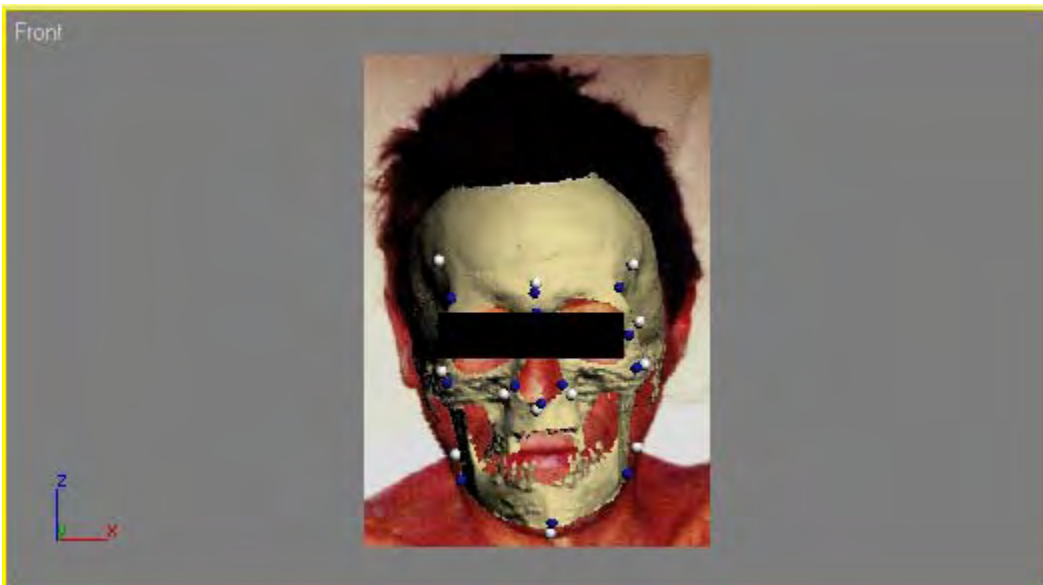
The correct skull was matched to the photograph.



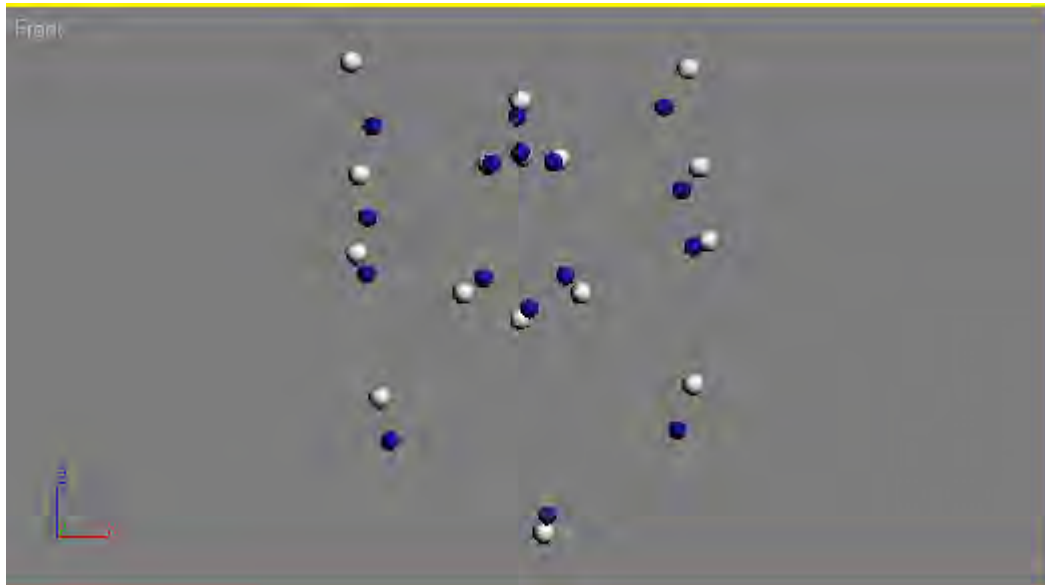


6367 skull j dot match

The correct skull was not matched to the photograph.

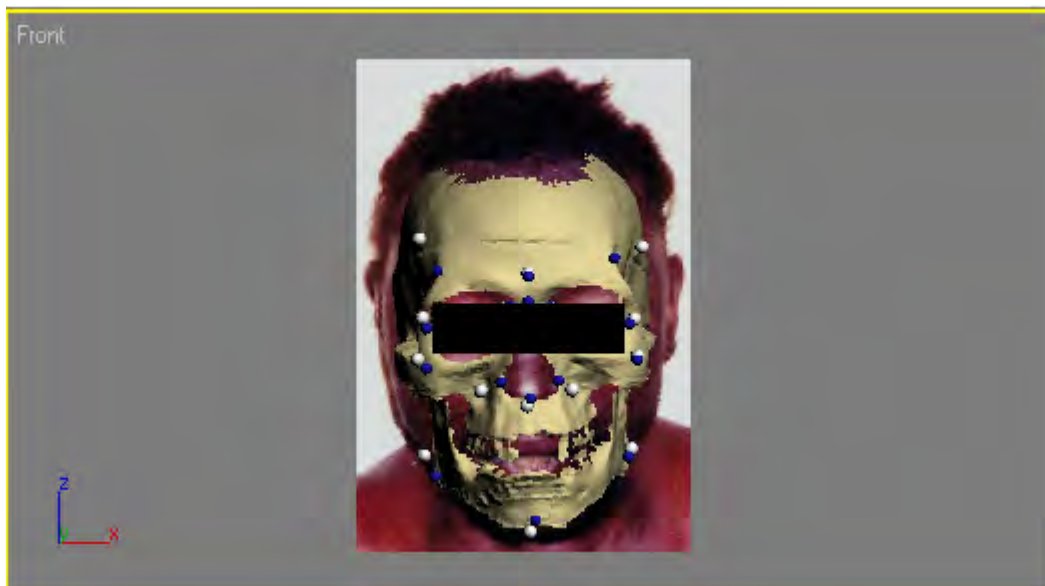


6374 skull j match



6374 skull j dot match

The correct skull was not matched to the photograph.

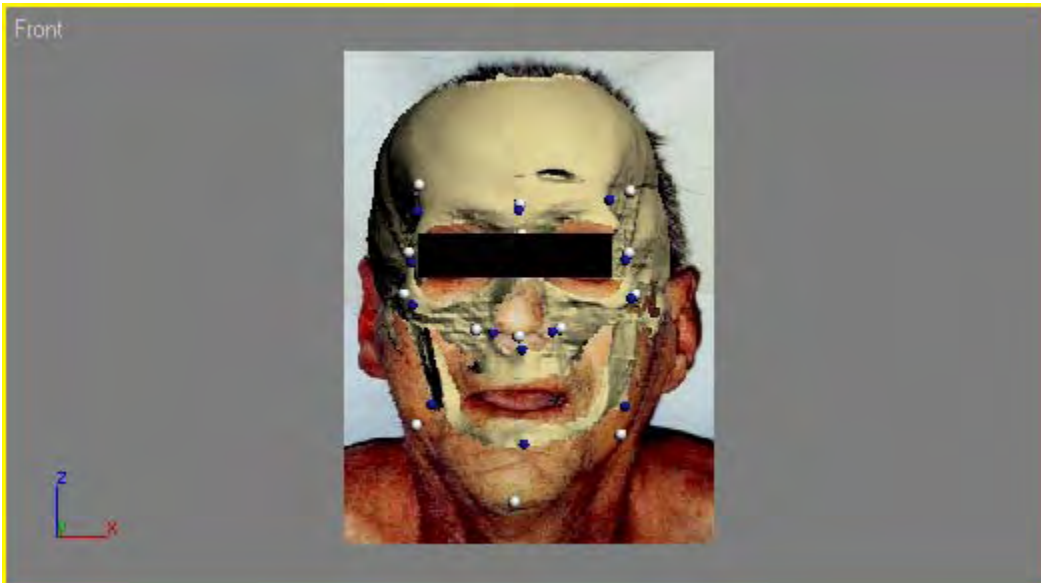


6391 skull j match

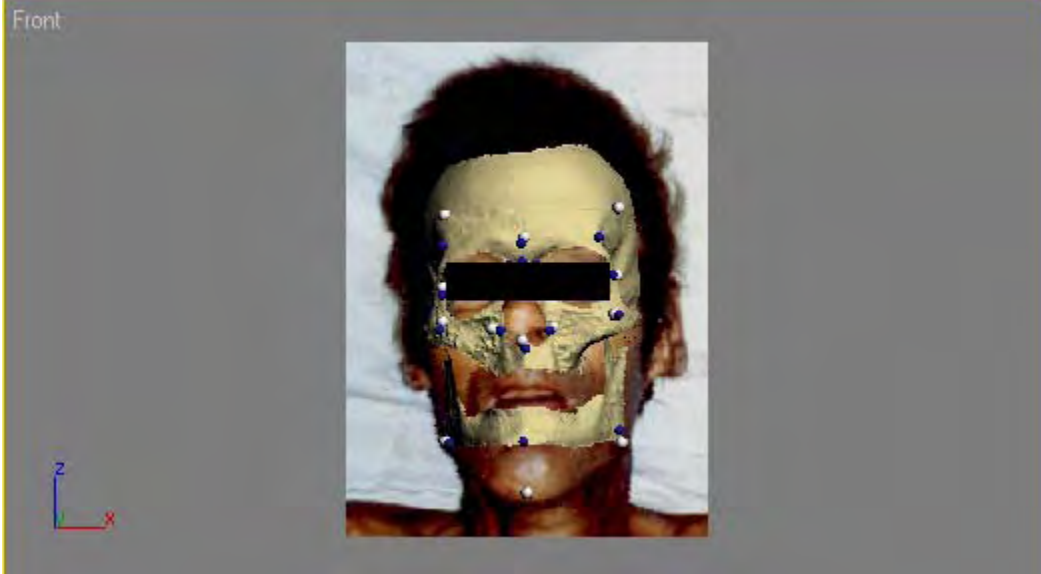


6391 skull j dot match

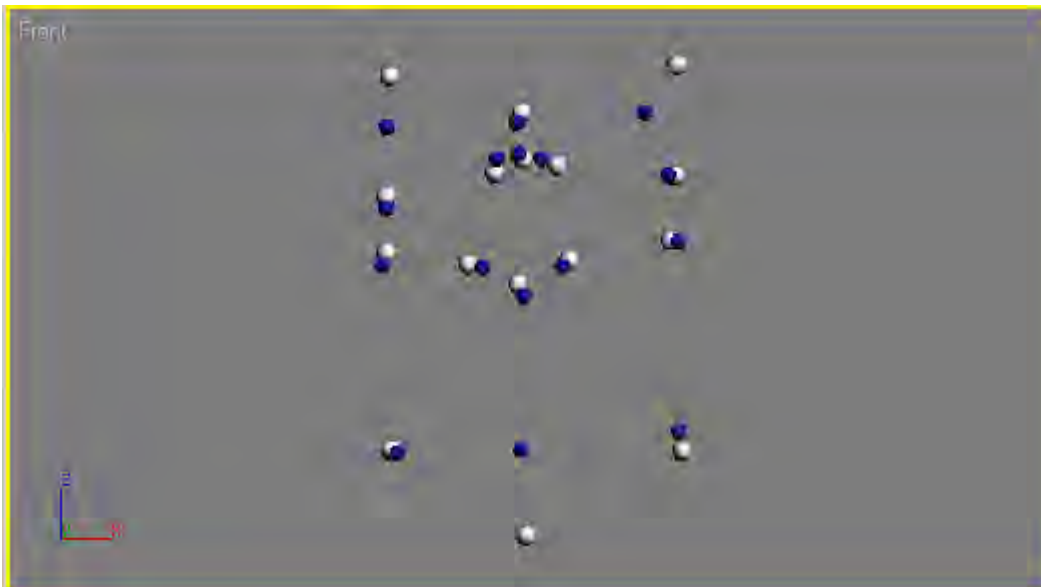
The correct skull was matched to the photograph.



The correct skull was not matched to the photograph.

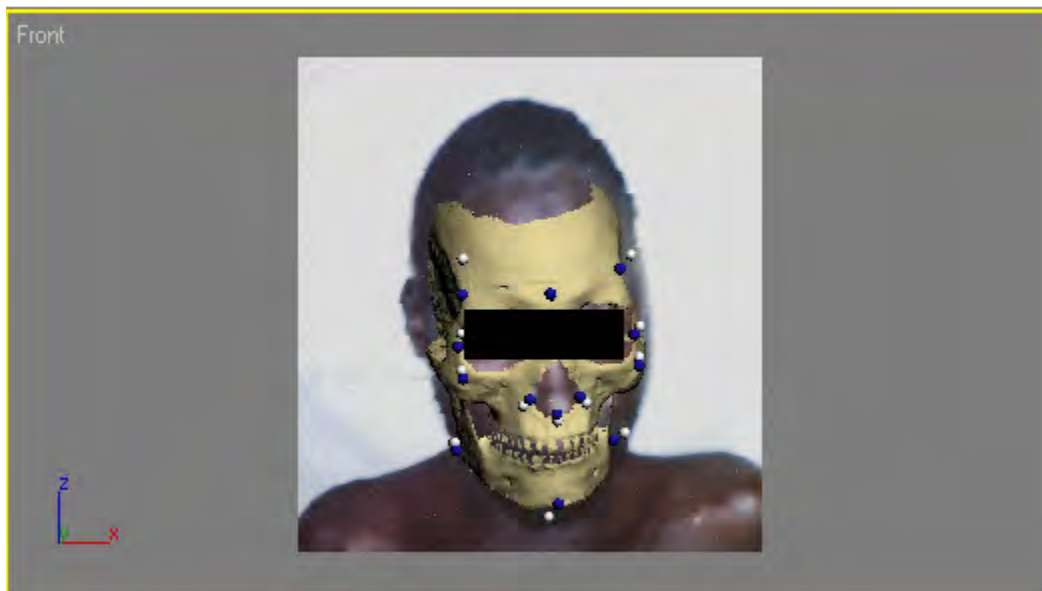


6269 skull a match



6269 skull a dot match

The correct skull was matched to the photograph.

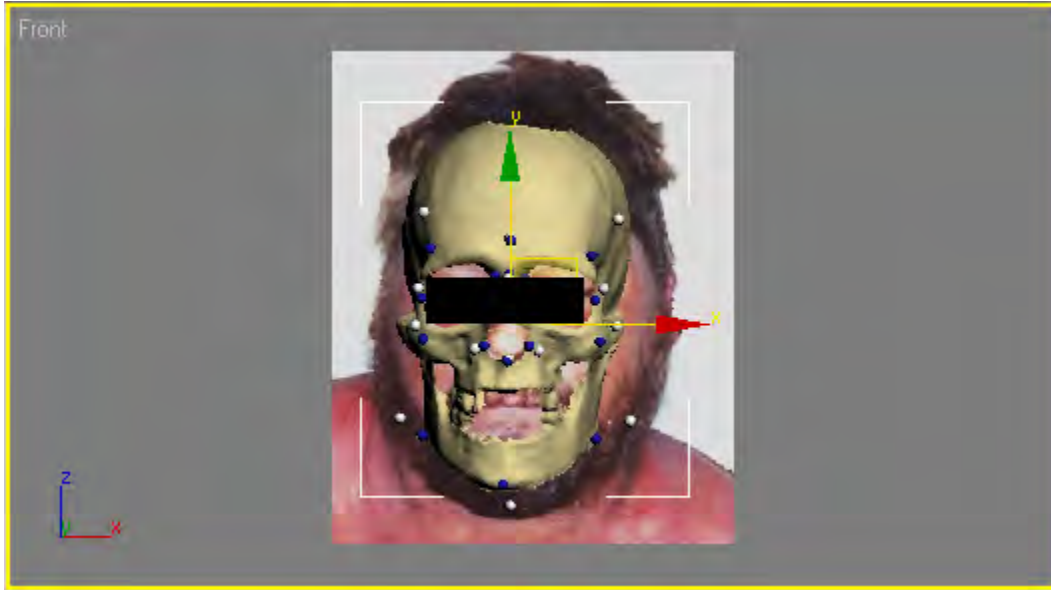


6218 skull g match



6218 skull g dot match

The correct skull was matched to the photograph.



6248 skull c match

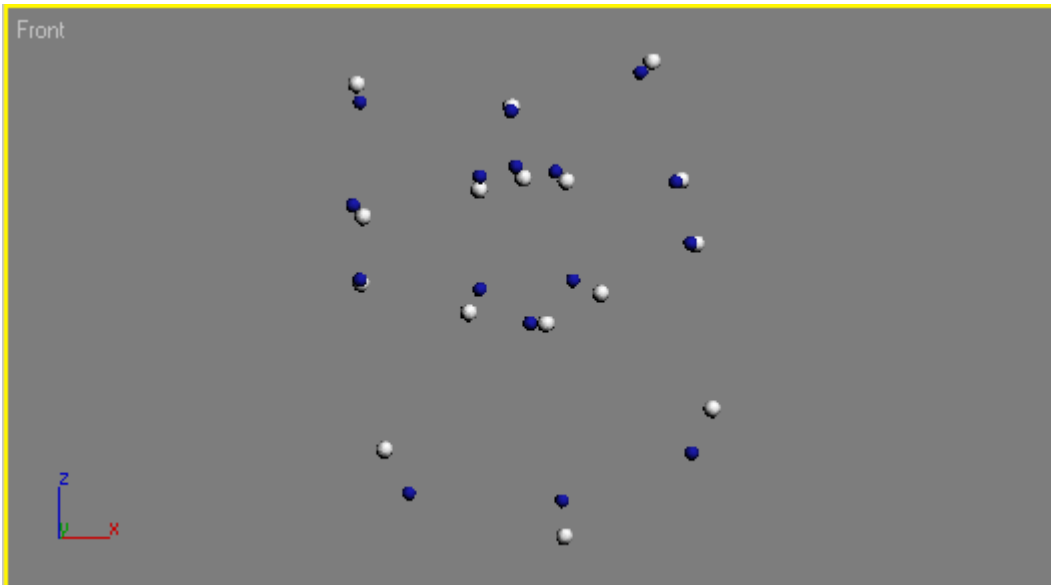


6248 skull c dot match

The correct skull was not matched to the photograph.

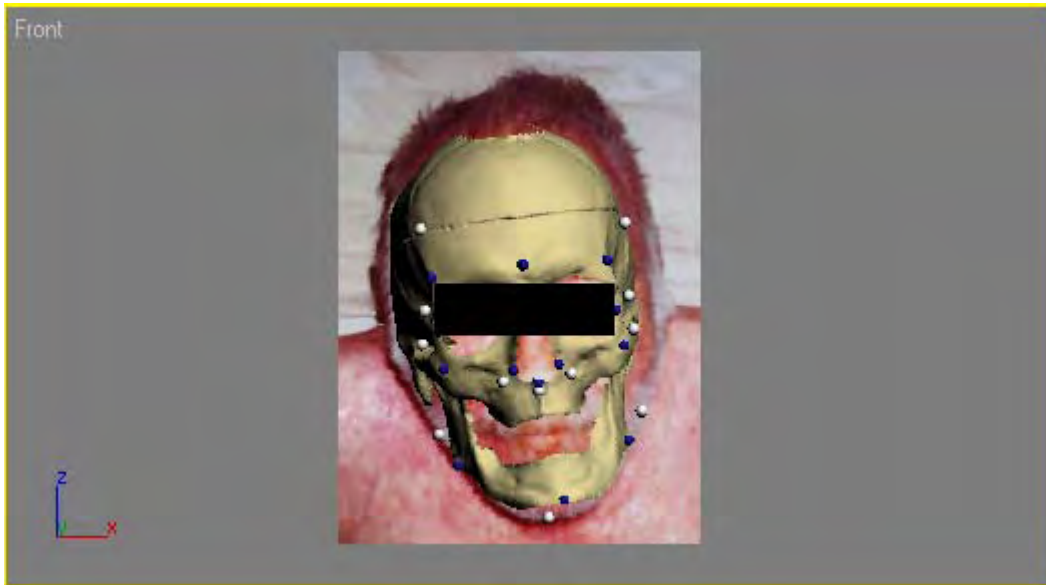


6317 skull f match



6317 skull f dot match

The correct skull was matched to the photograph.

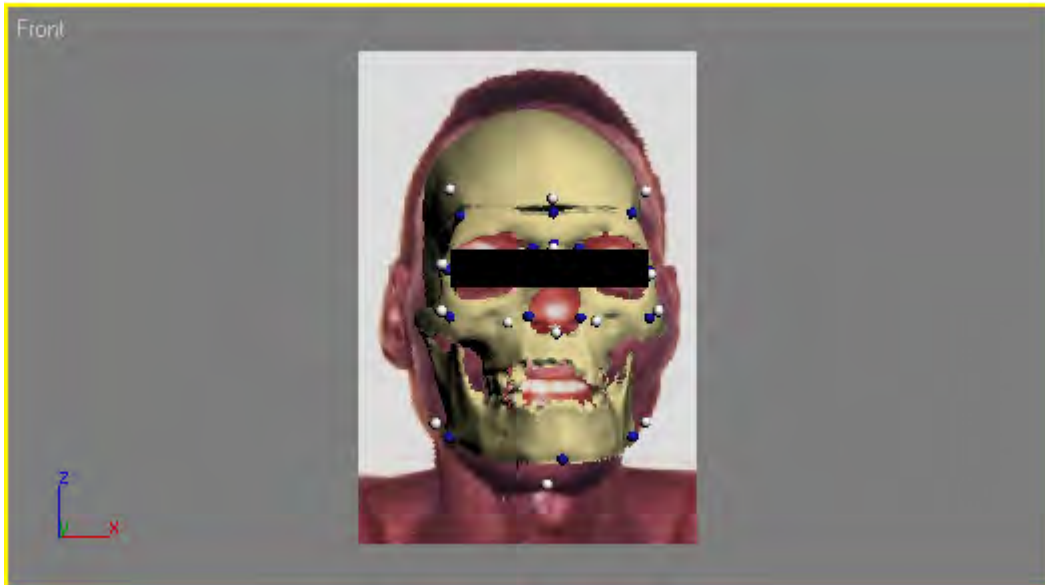


6327 skull c match

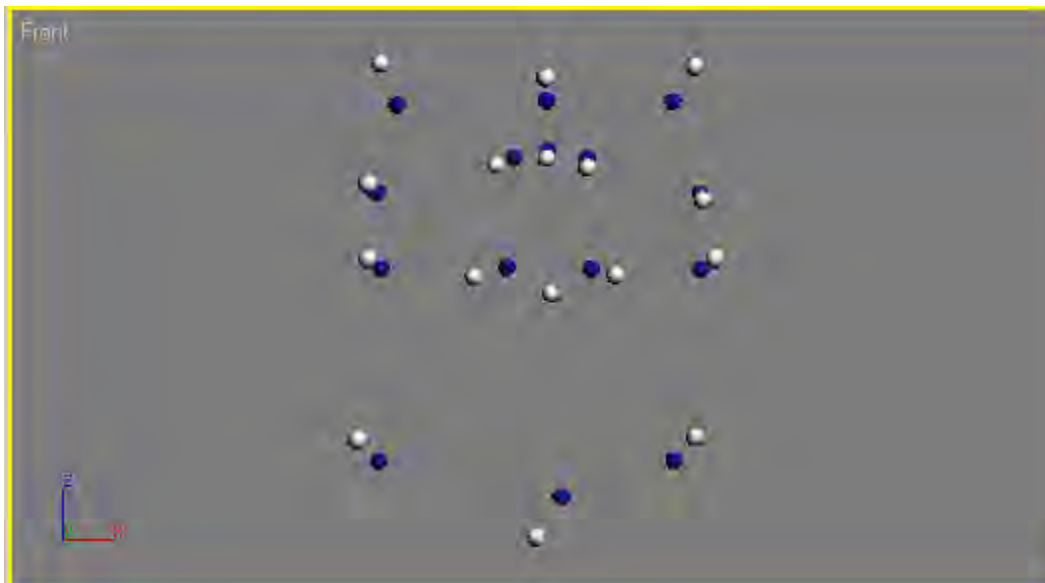


6327 skull c dot match

The correct skull was not matched to the photograph.

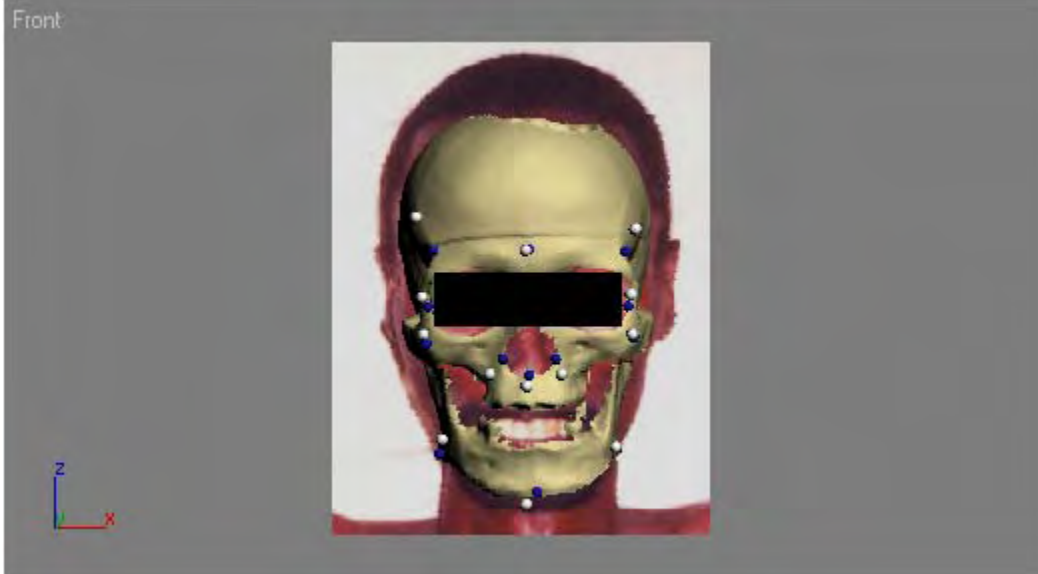


6371 skull b match

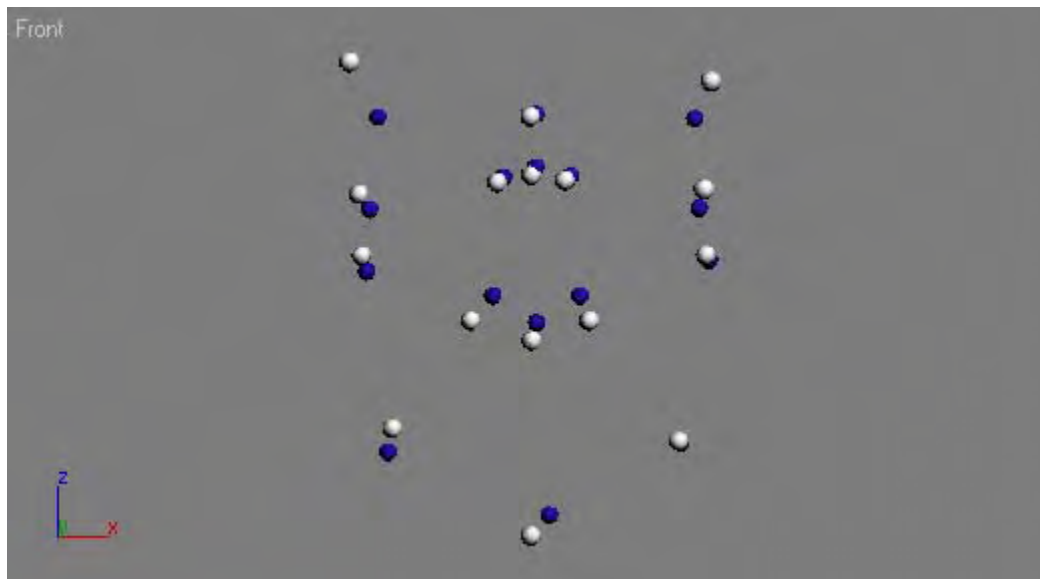


6371 skull b dot match

The correct skull was matched to the photograph.

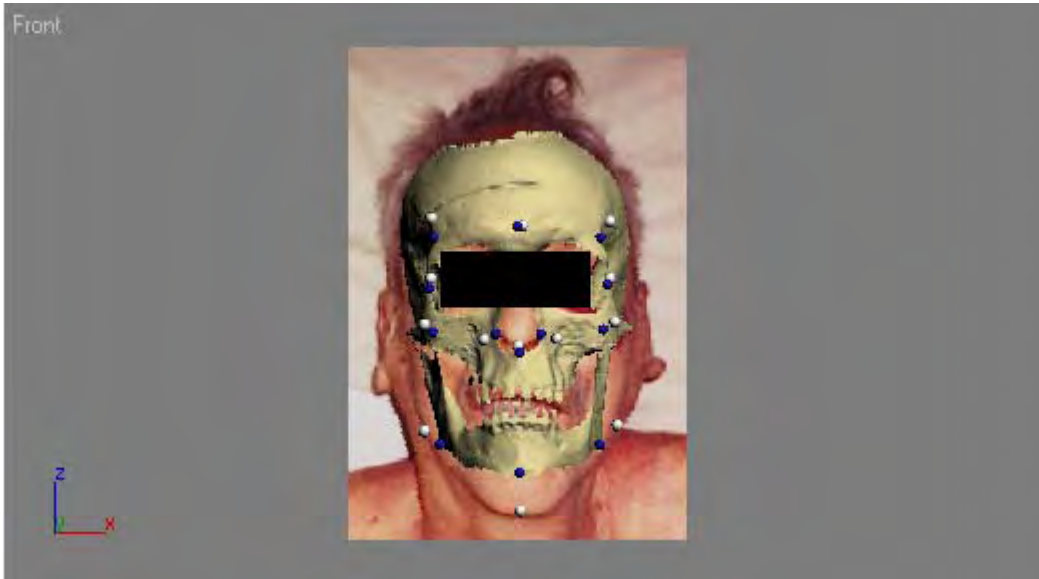


6376 skull g match

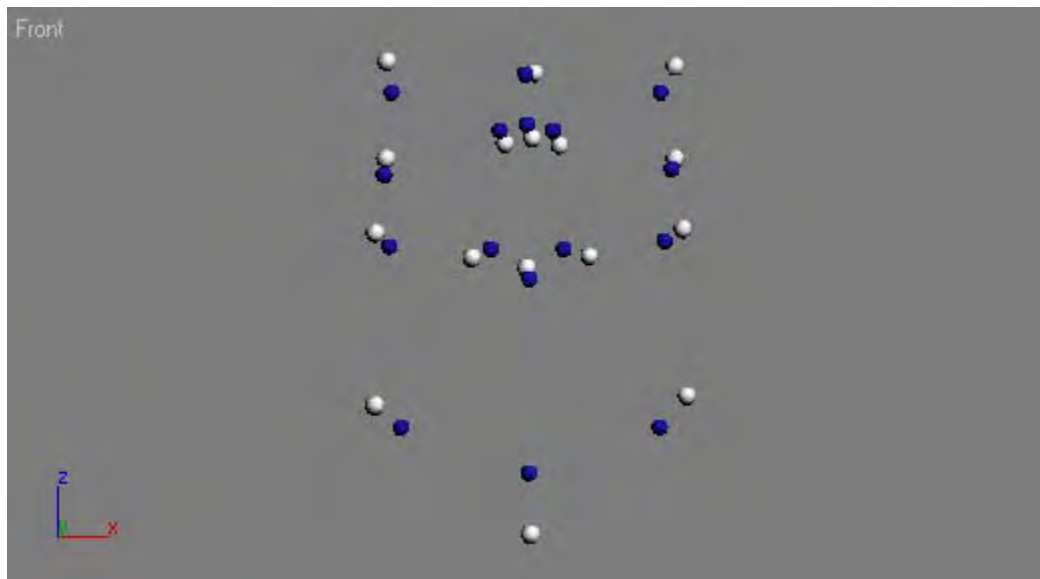


6376 skull g dot match

The correct skull was matched to the photograph

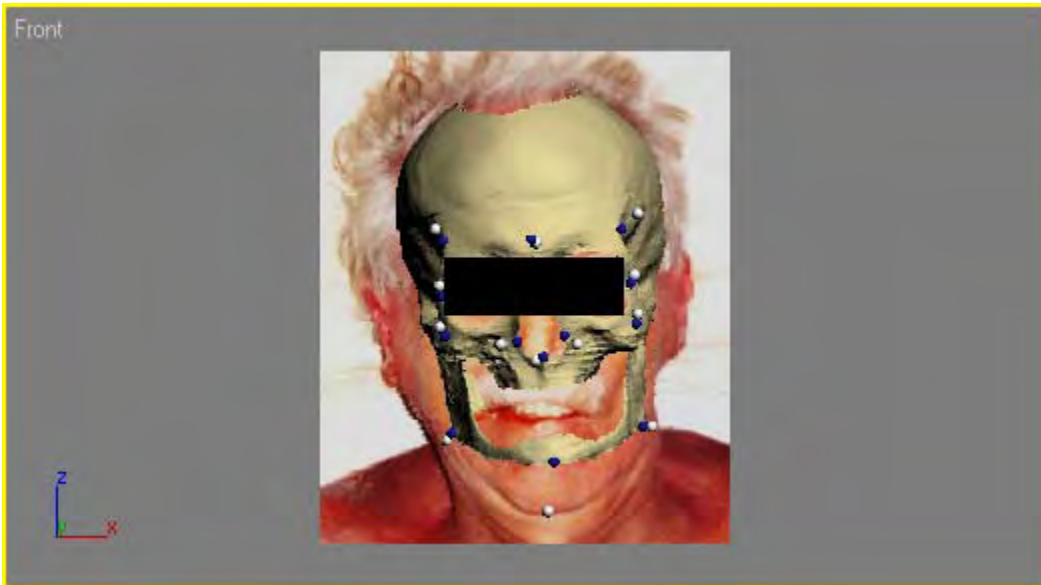


6381 skull d match

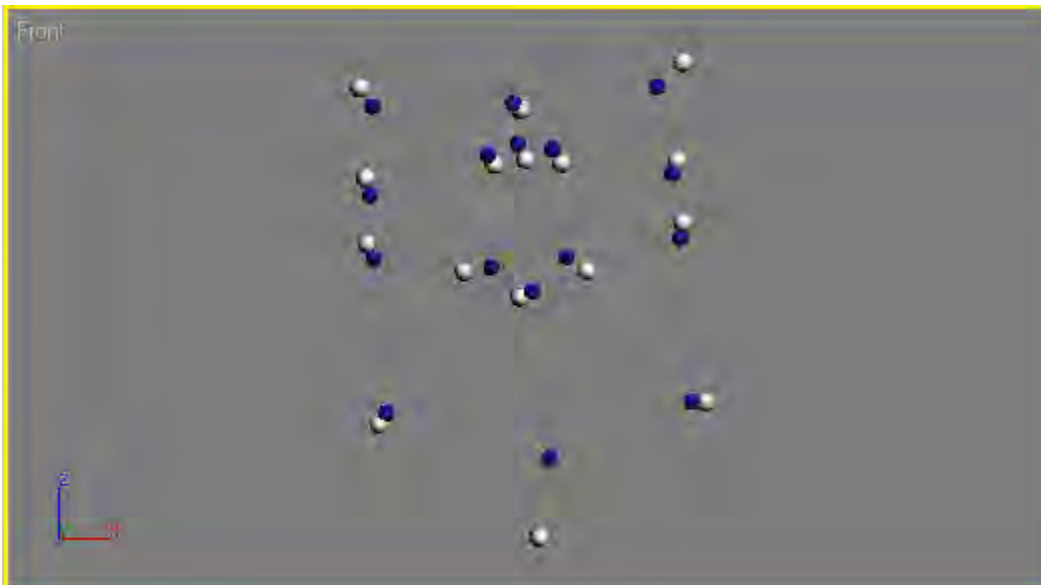


6381 skull d dot match

The correct skull was matched to the photograph.

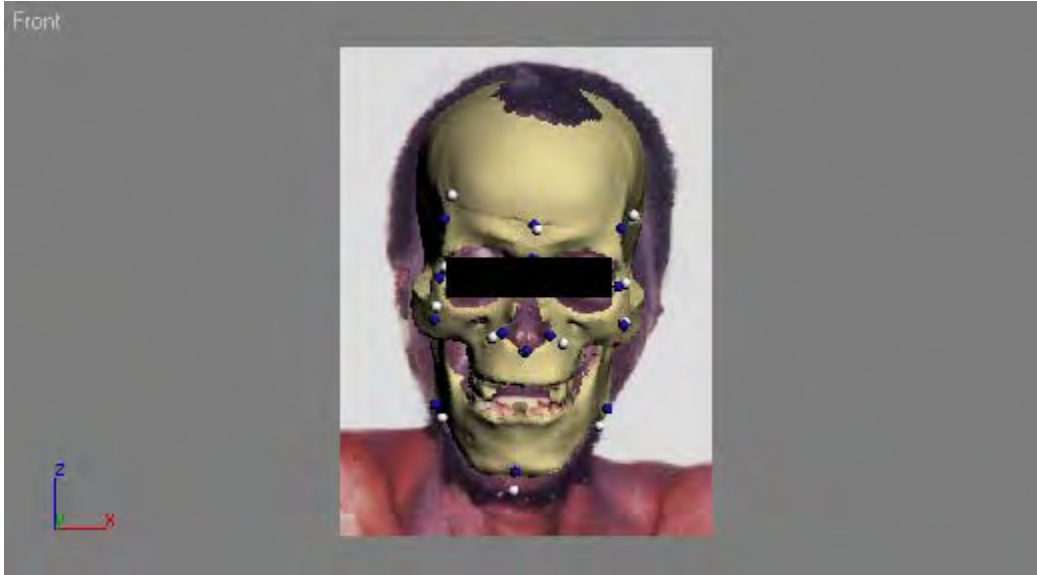


6385 skull f match

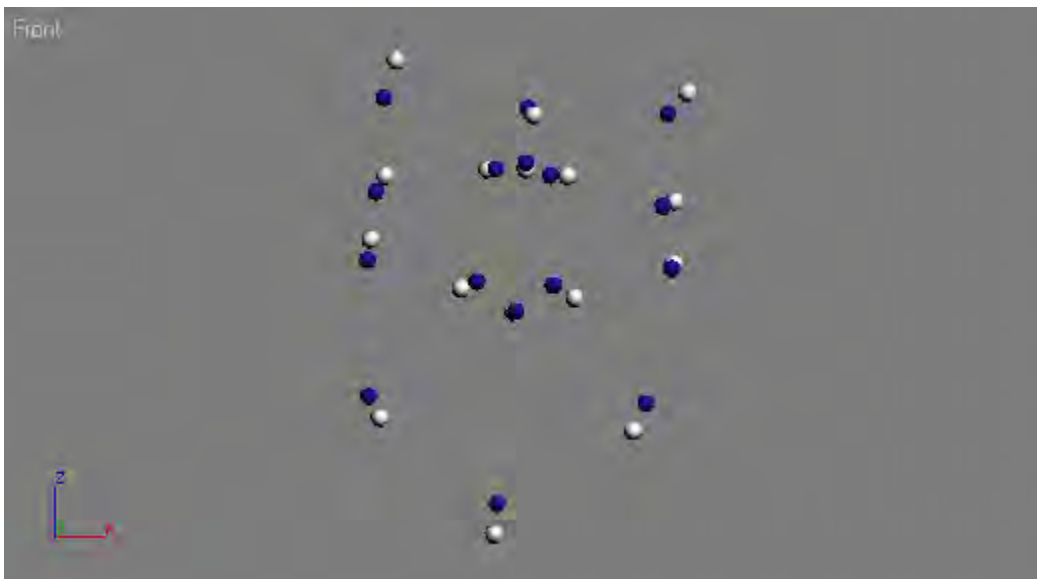


6385 skull f dot match

The correct skull was matched to the photograph.



6299 skull a match



6299 skull a dot match

The correct skull was matched to the photograph.



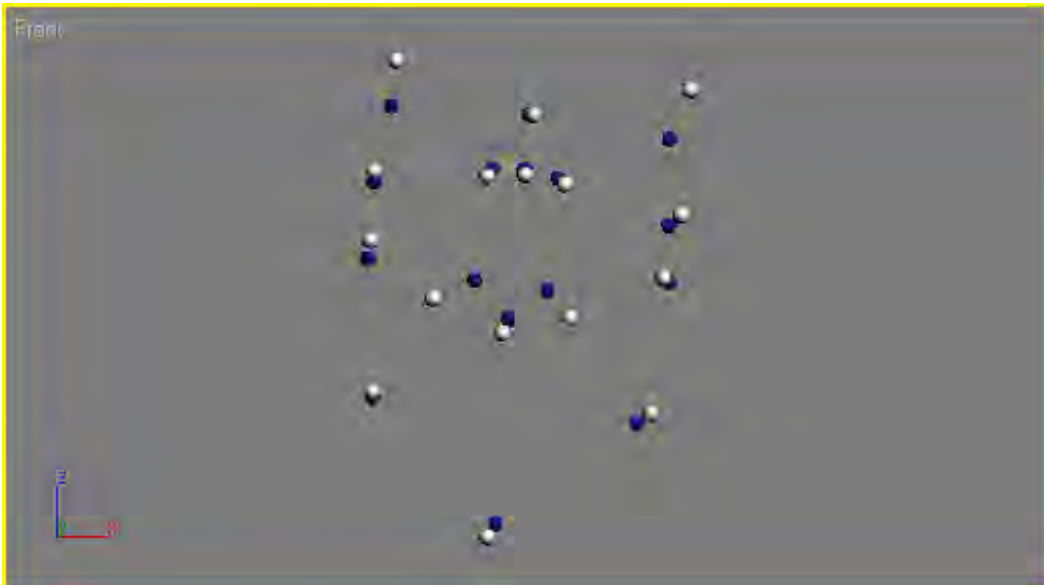
The correct skull was matched to the photograph.

Front



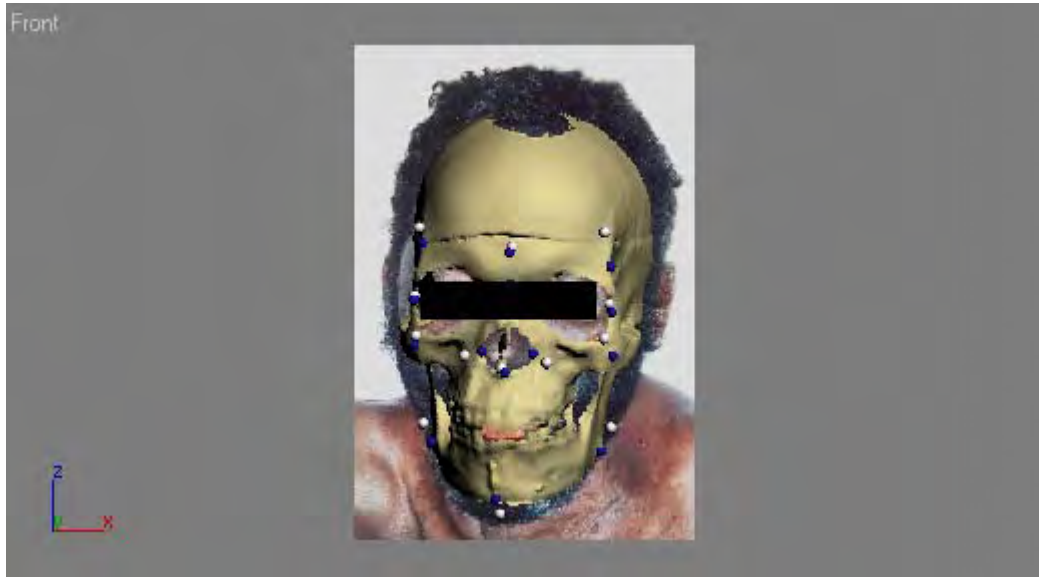
6242 skull g match

Front

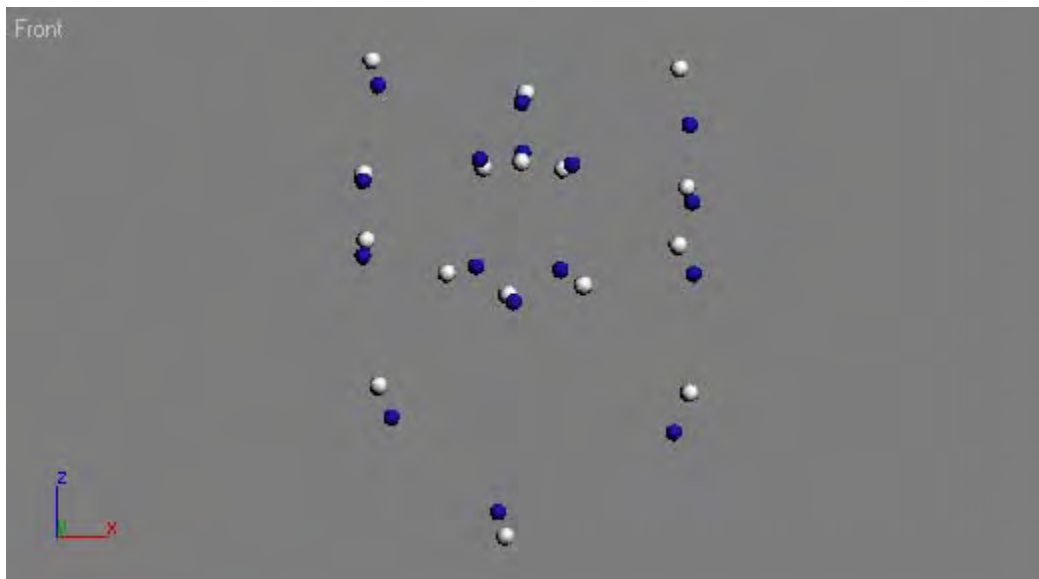


6242 skull g dot match

The correct skull was matched to the photograph.

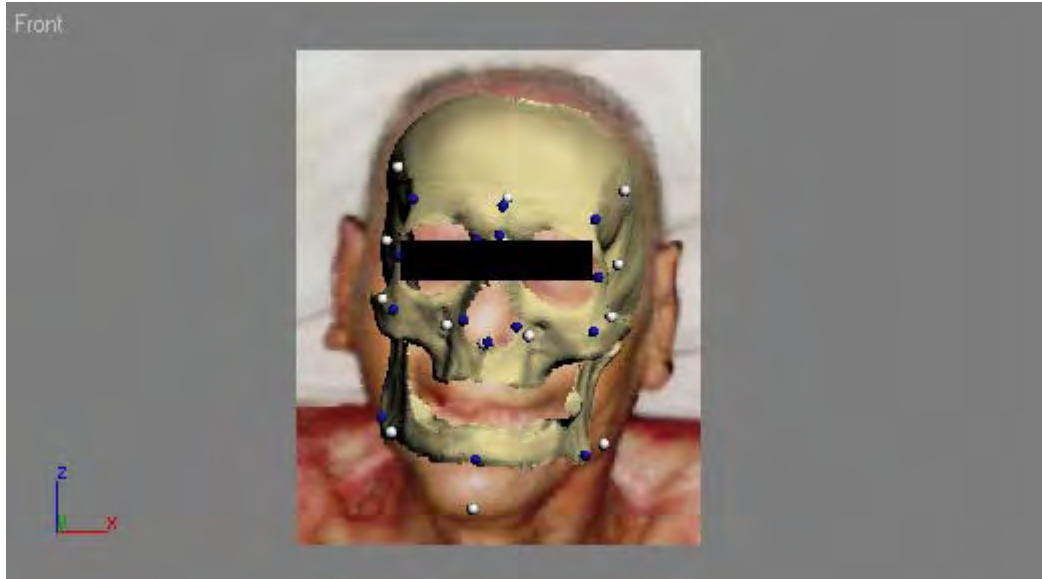


6210 skull i match

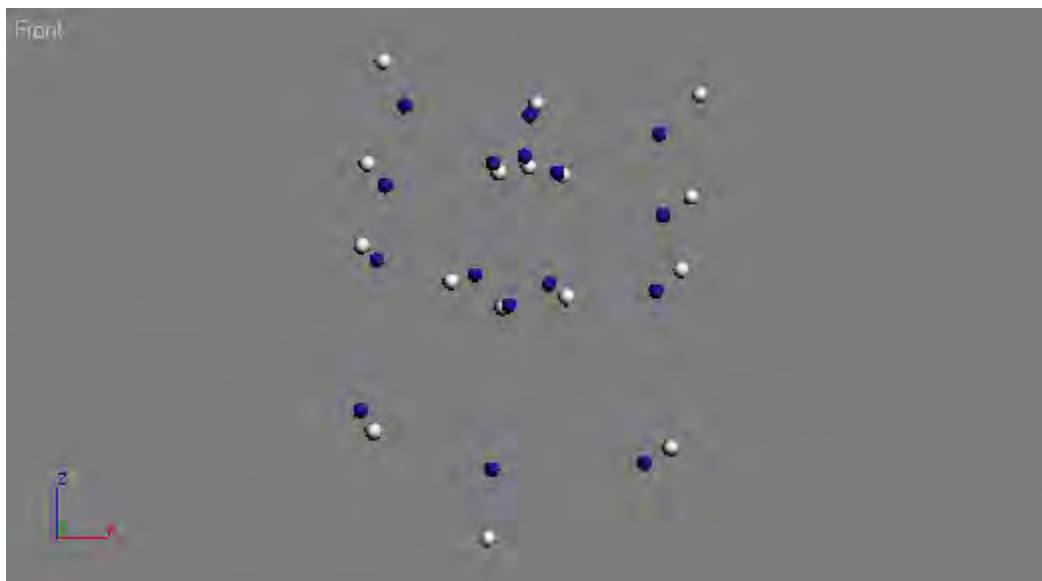


6210 skull i dot match

The correct skull was matched to the photograph.

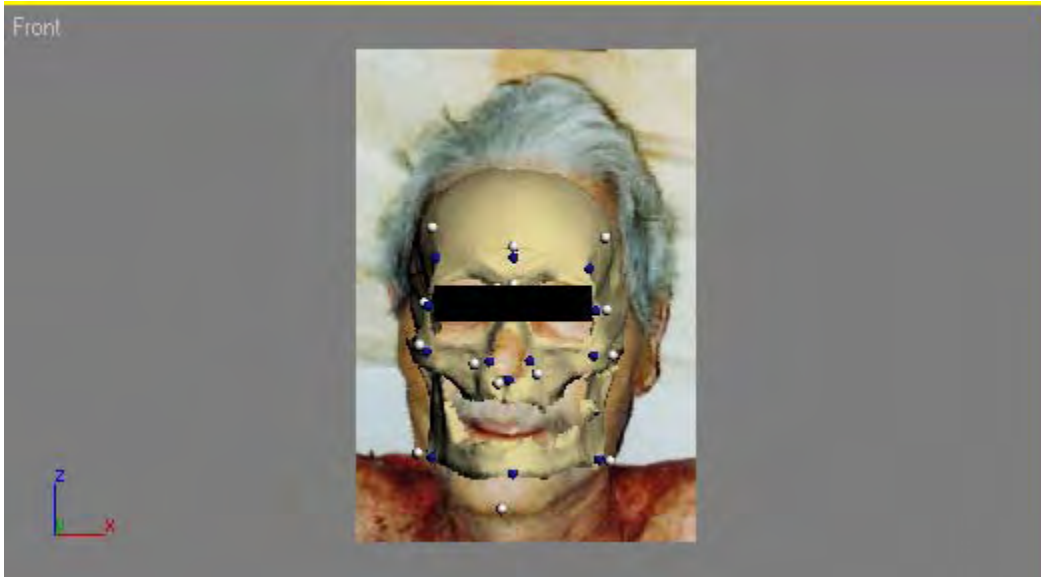


6230 skull g match

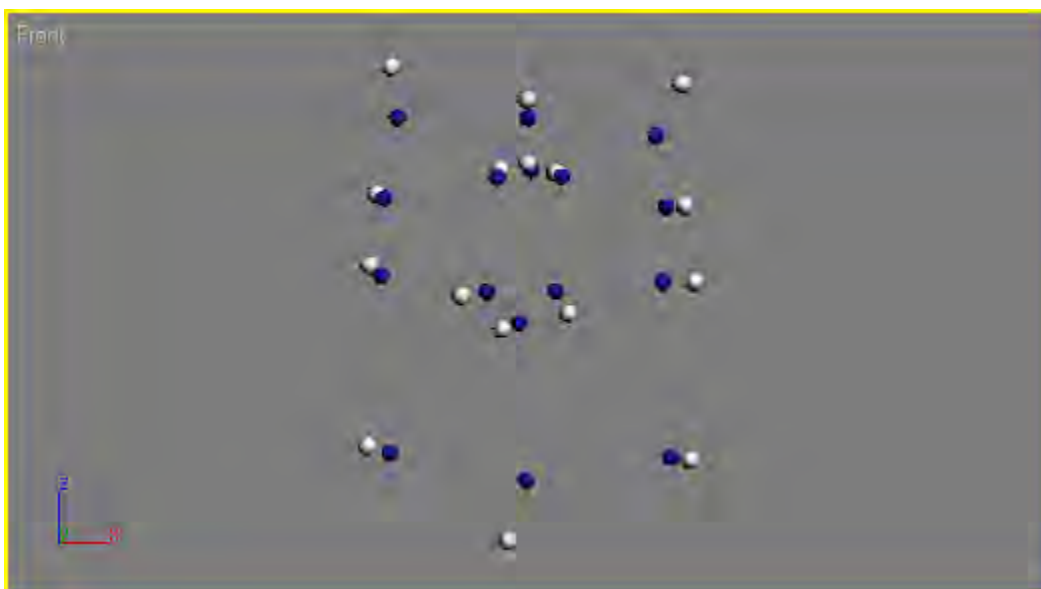


6230 skull g dot match

The correct skull was not matched to the photograph.

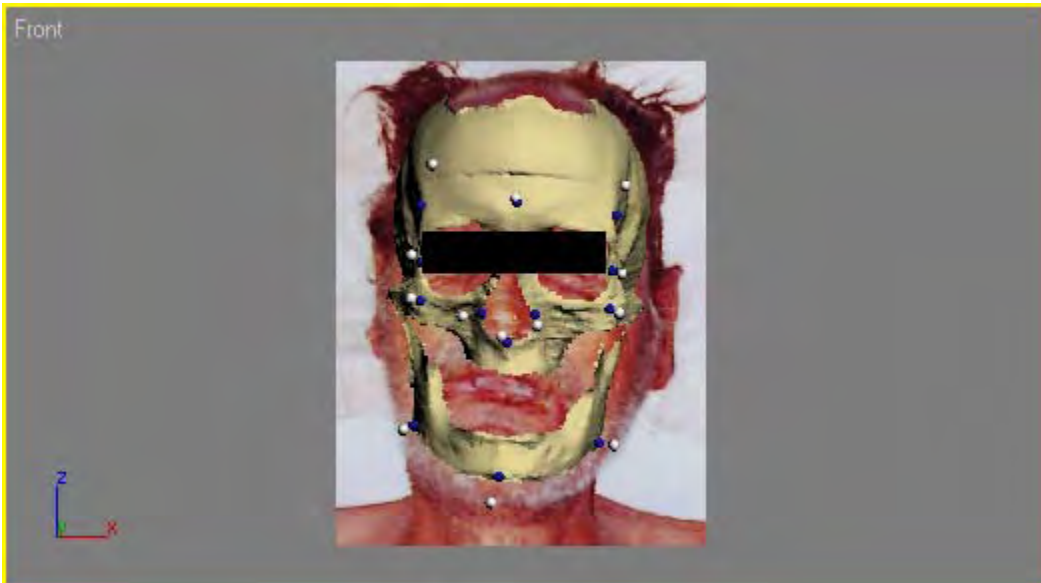


6253 skull h match



6253 skull h dot match

The correct skull was matched to the photograph.

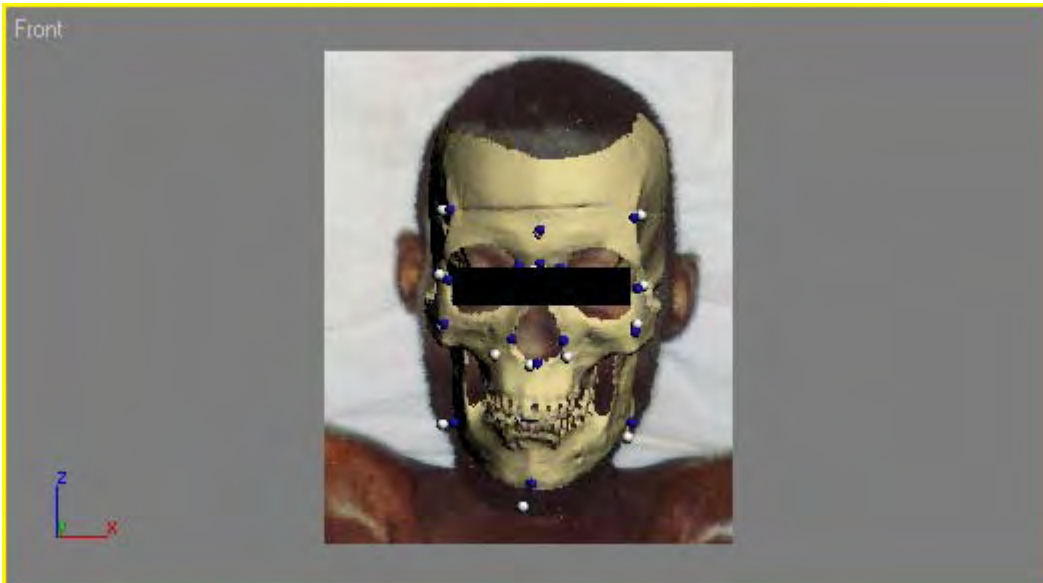


6316 skull c match

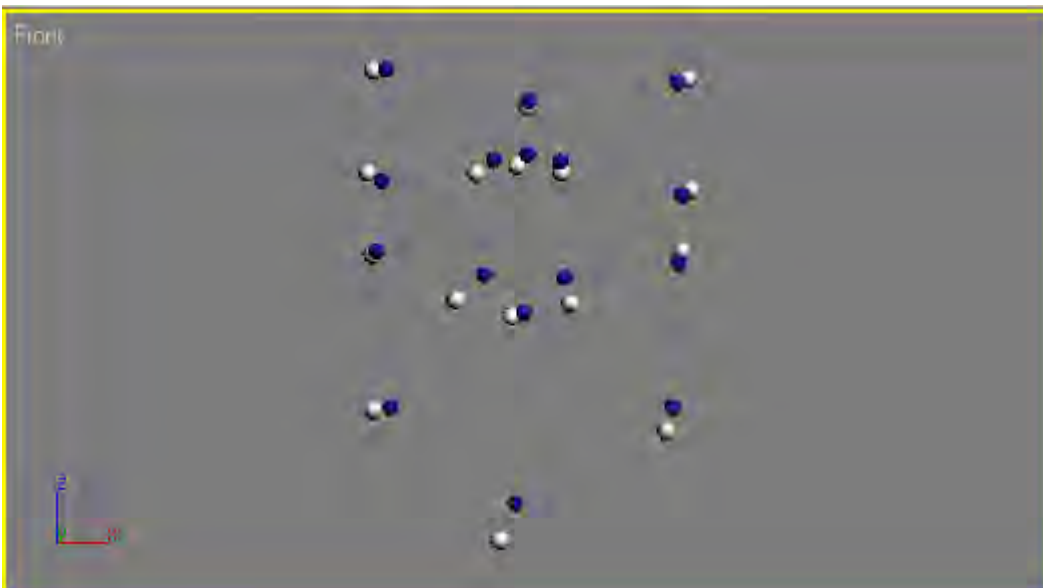


6316 skull c dot match

The correct skull was matched to the photograph.



6220 skull e match

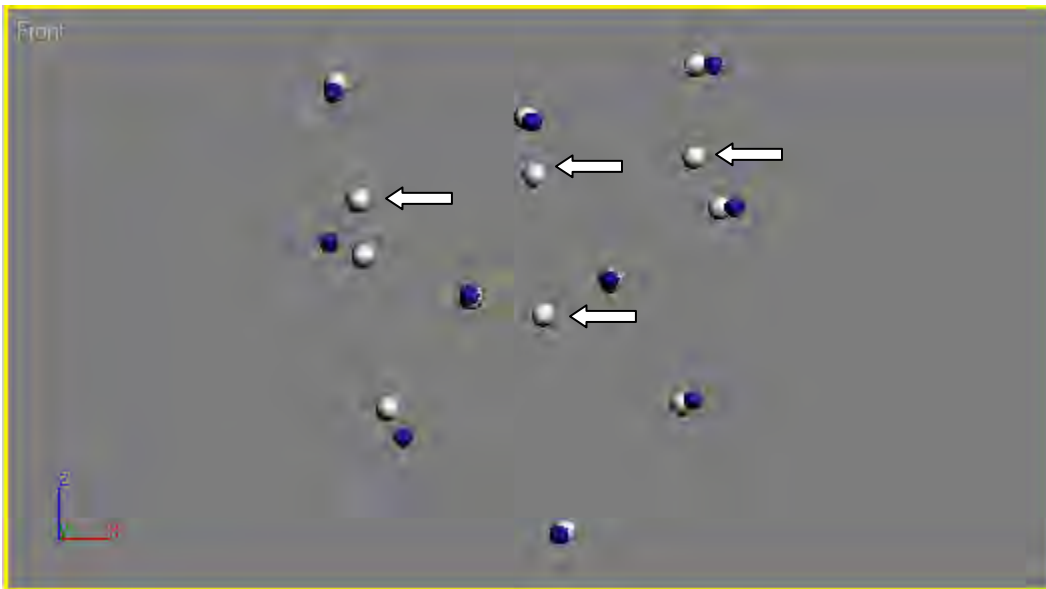


6220 skull e dot match

The correct skull was matched to the photograph.

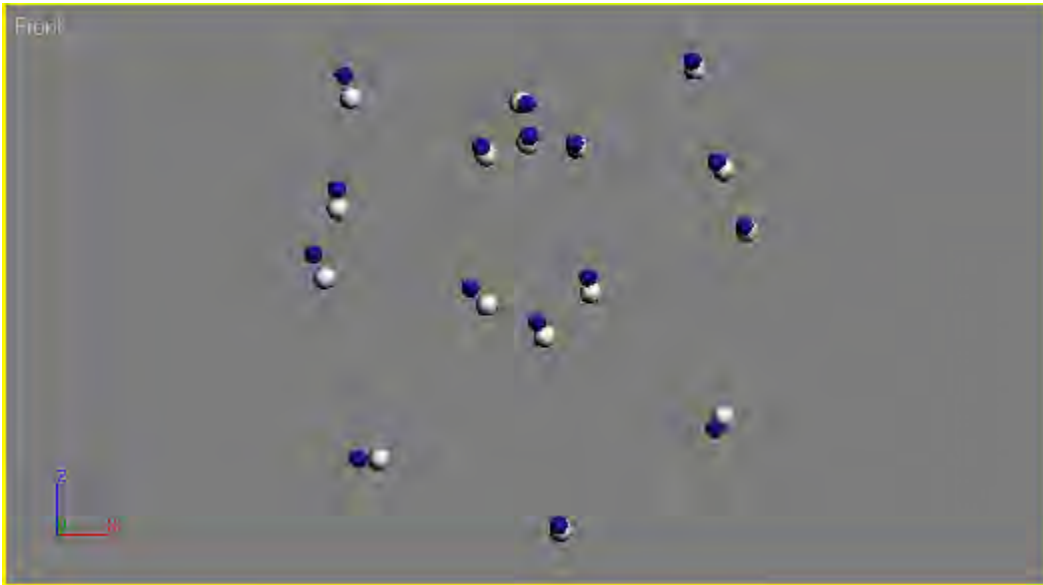
Appendix C: Repeatability Study Results

The blue dots indicate the initial landmarks and the white dots indicate the repeated landmarks and this therefore shows the repeatability of placing the landmarks with some time having passed between the initially and repeated landmarks.

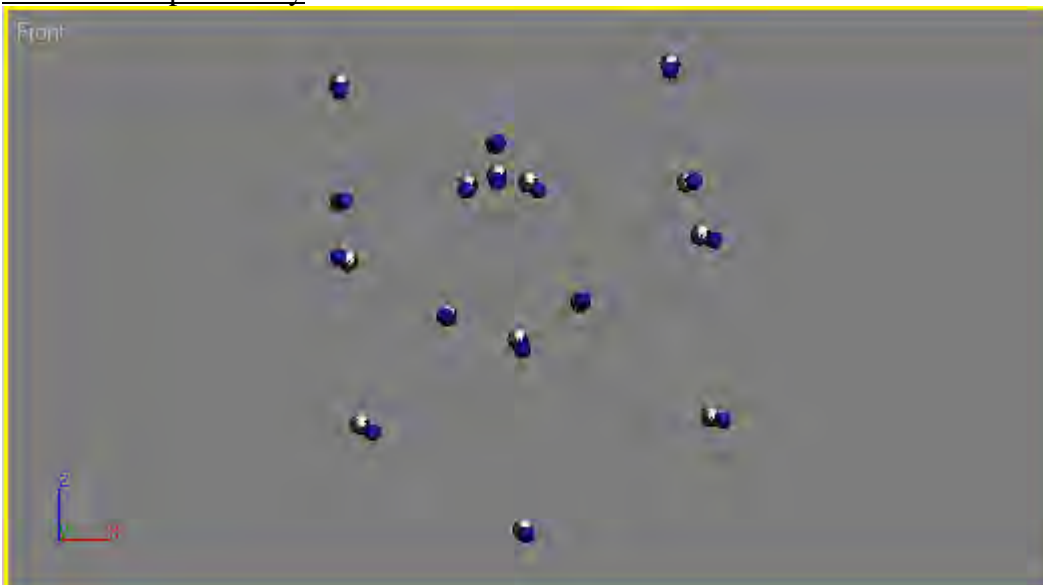


6142 photograph repeatability

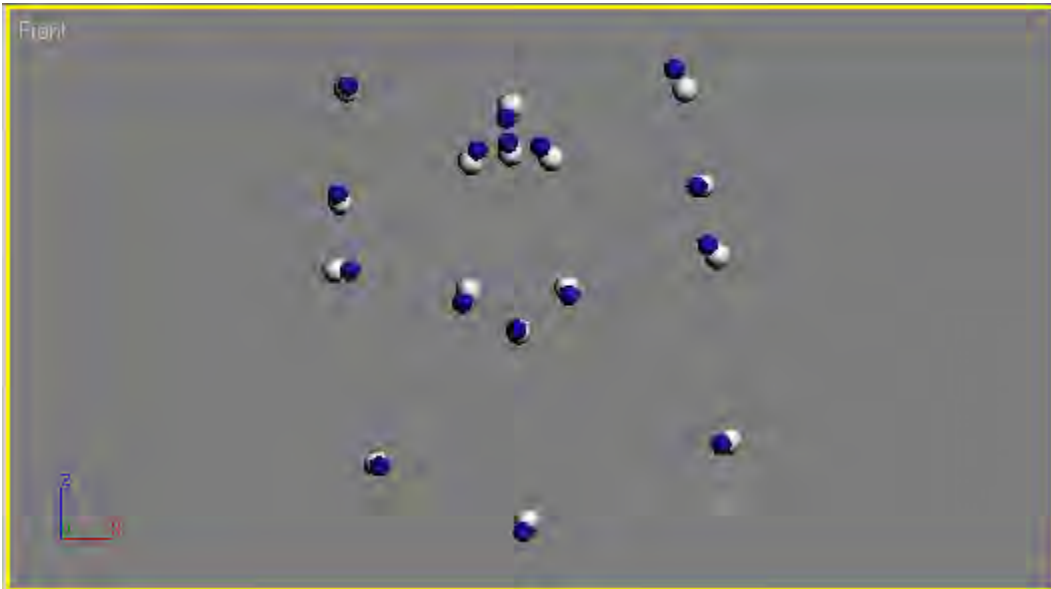
These arrows above show where the landmarks have completely overlapped, therefore, only one is visible.



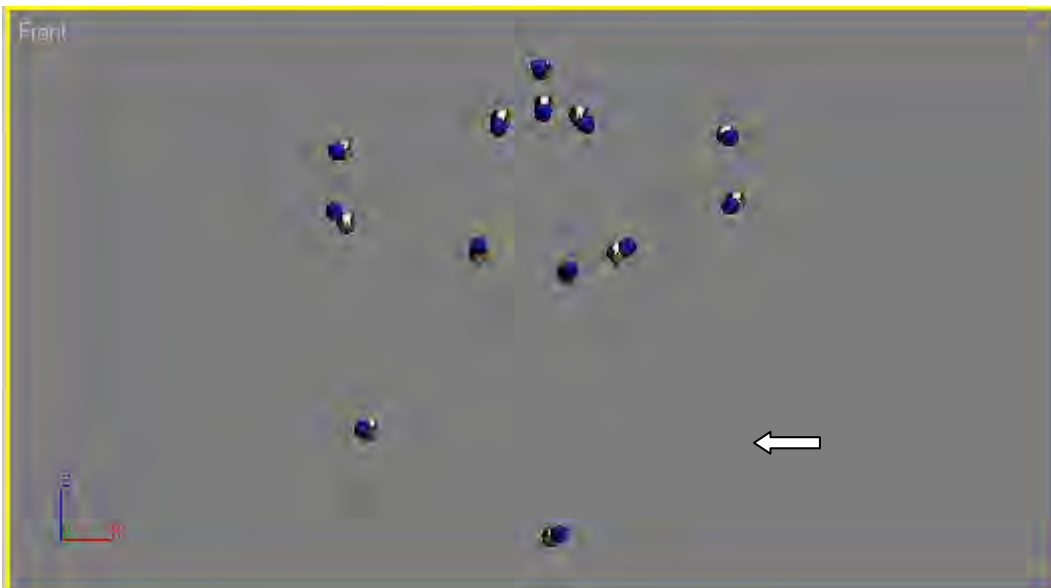
6142 skull repeatability



6219 photograph repeatability

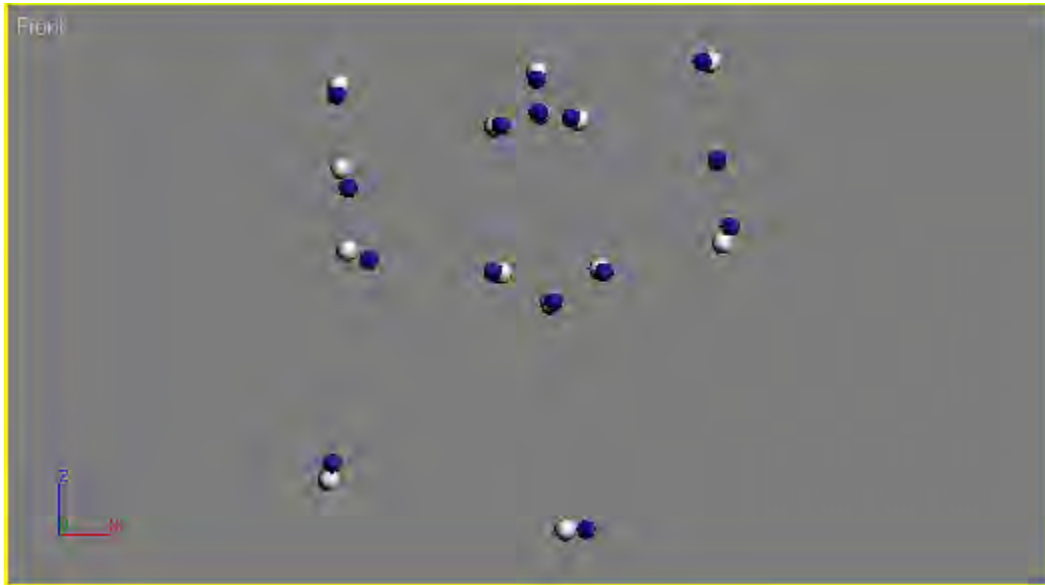


6219 skull repeatability



6228 photograph repeatability

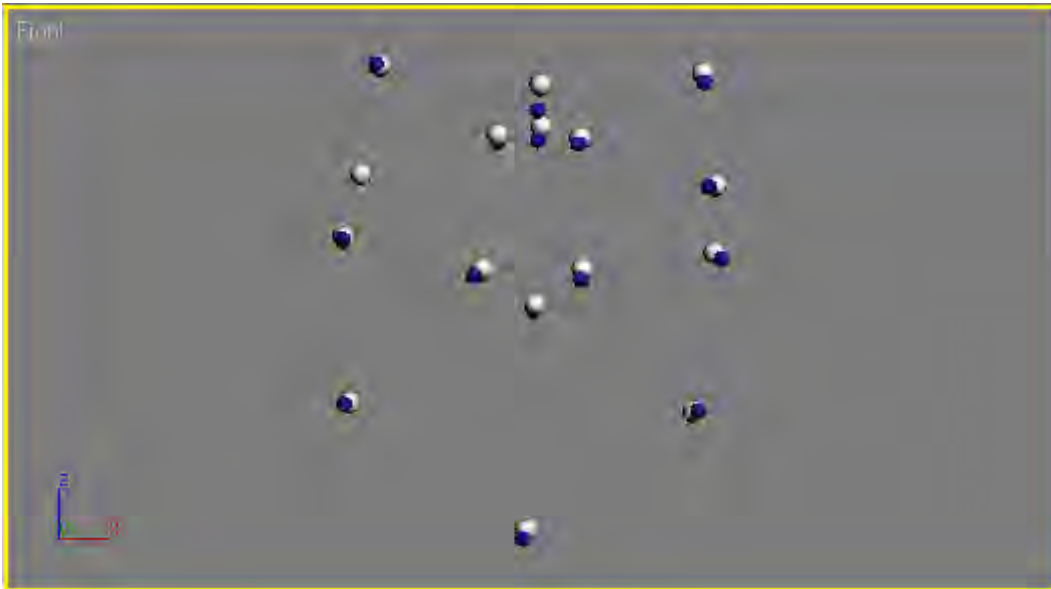
The arrow above illustrates where a landmark was not used due to the angle of the face in the photograph. This landmark could not be viewed and was therefore not included to establish a match.



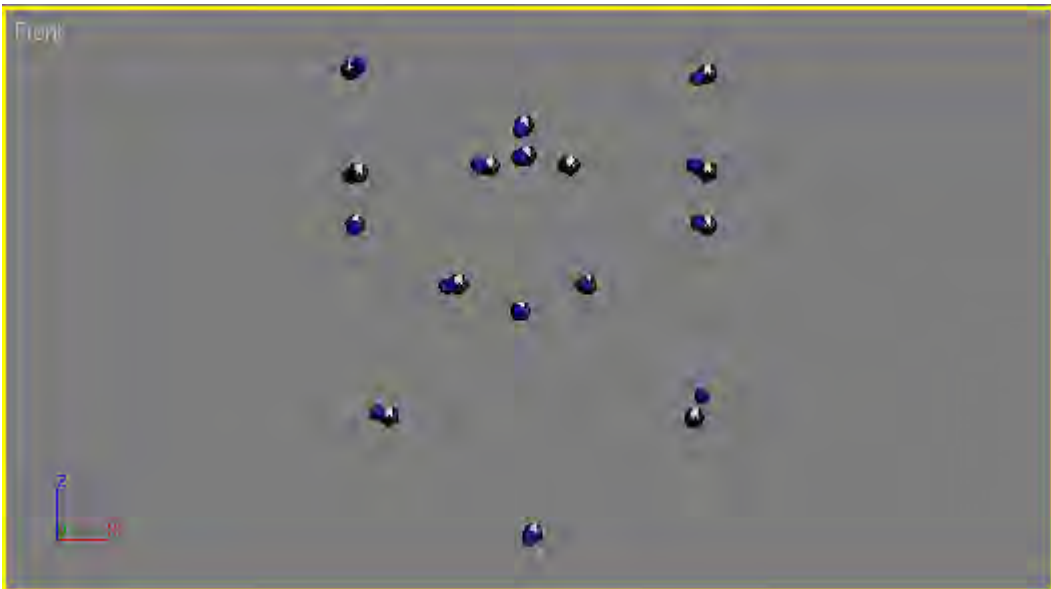
6228 skull repeatability



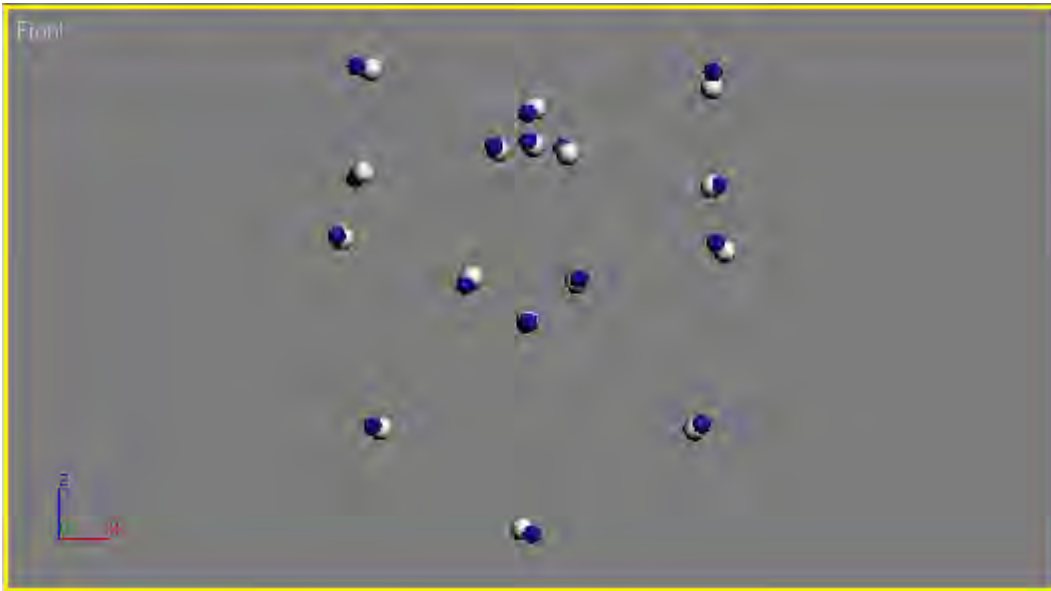
6231 photograph repeatability



6231 skull repeatability



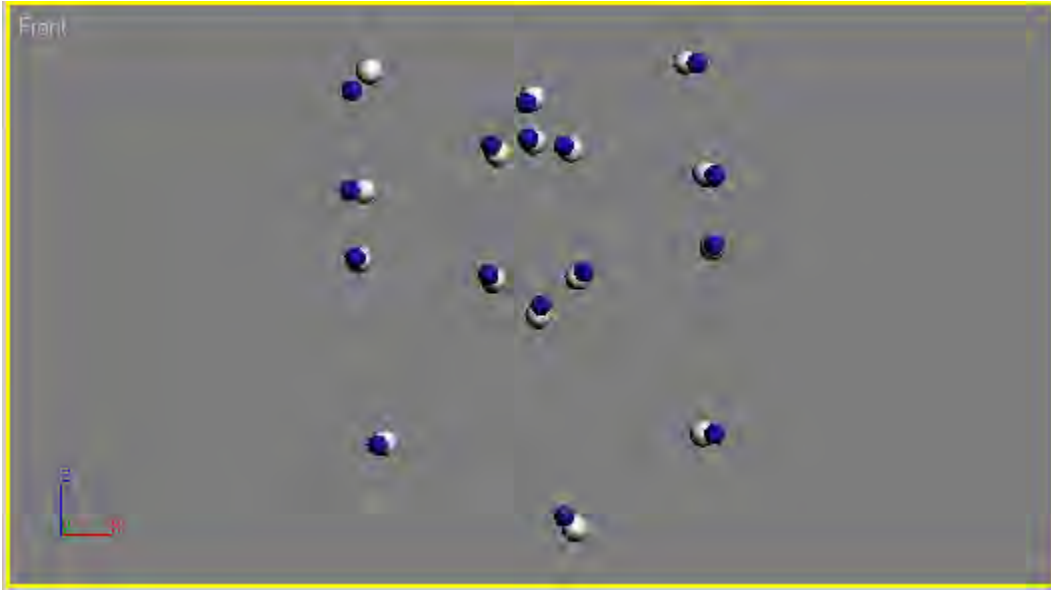
6235 photograph repeatability



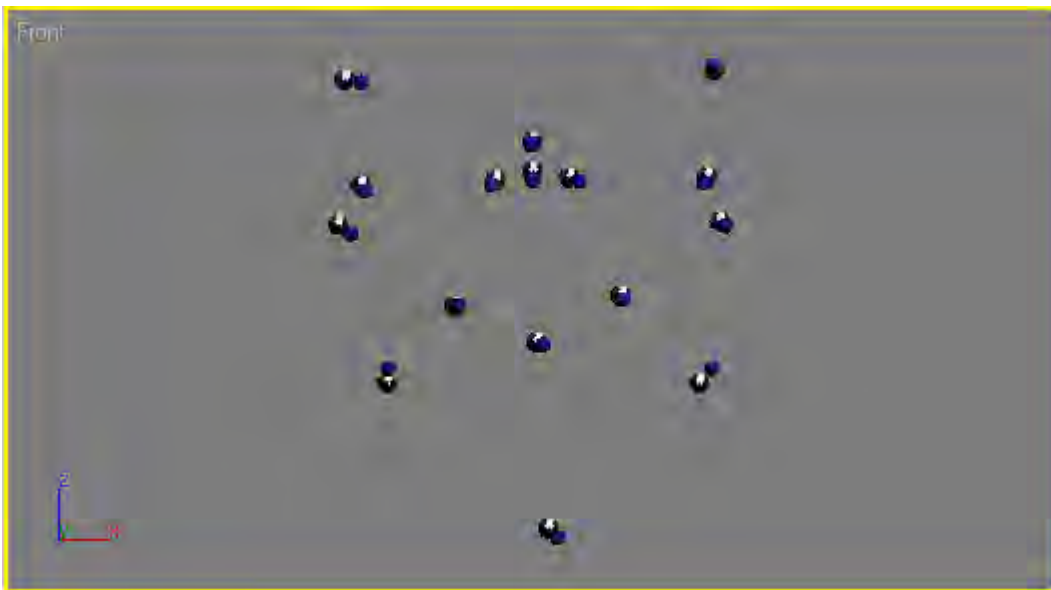
6235 skull repeatability



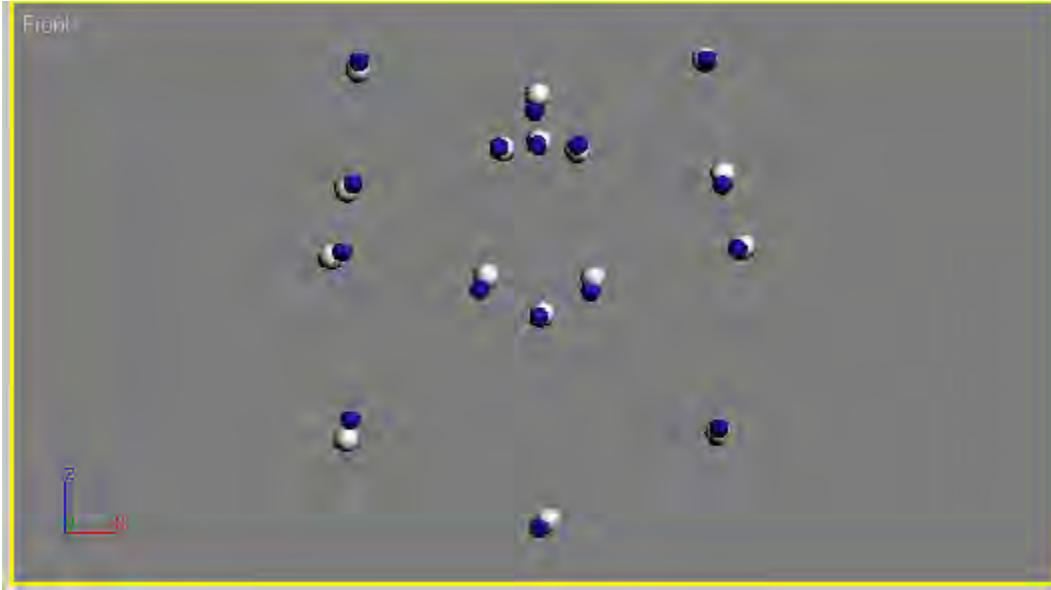
6264 photograph repeatability



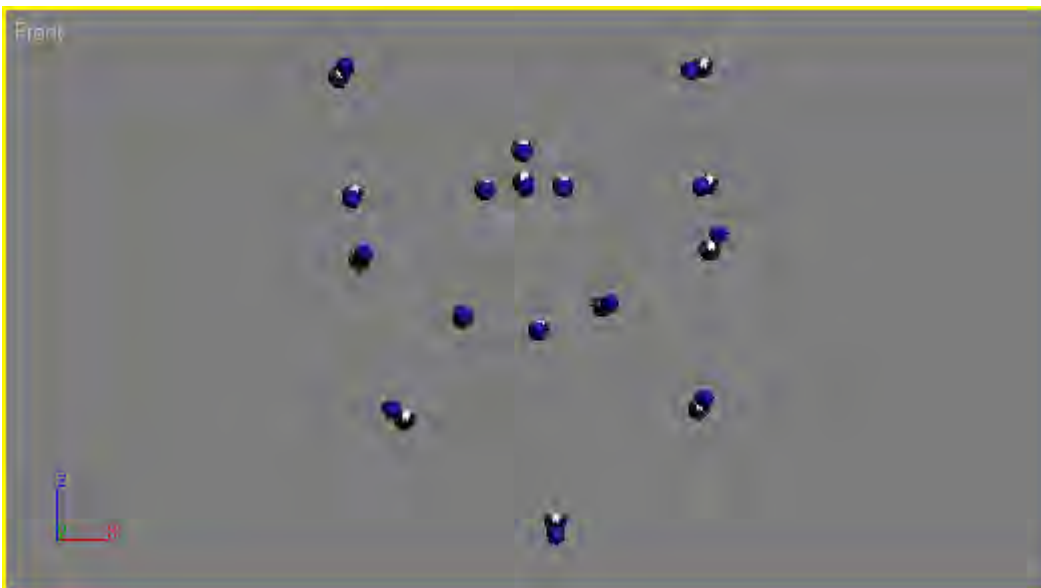
6264 skull repeatability



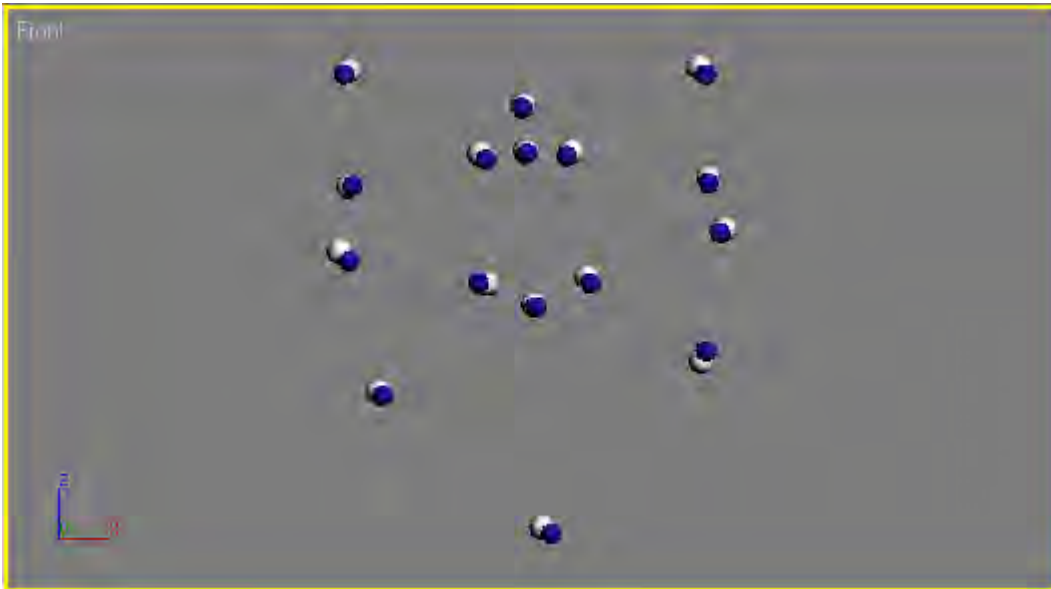
6280 photograph repeatability



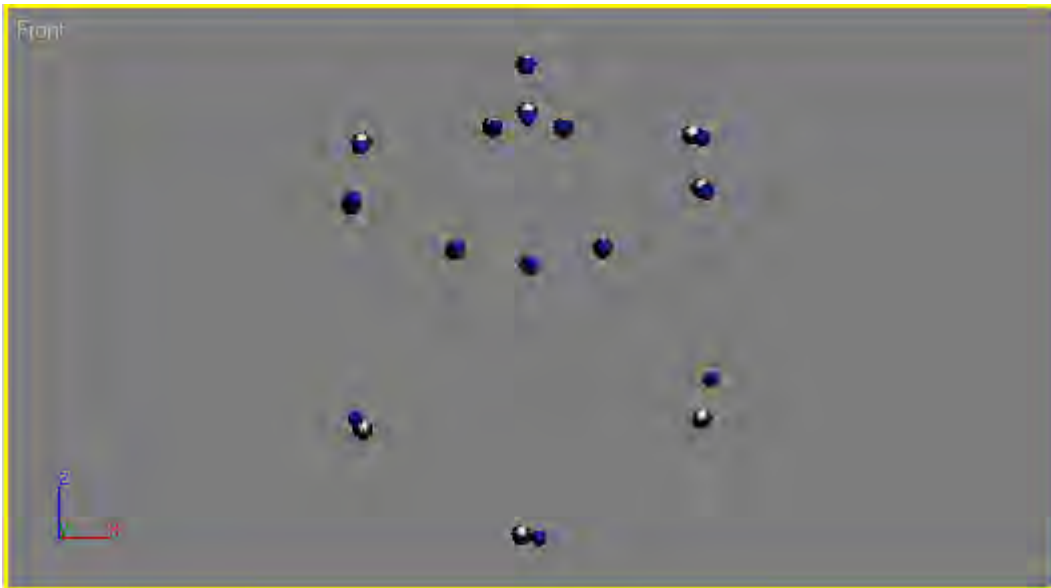
6280 skull repeatability



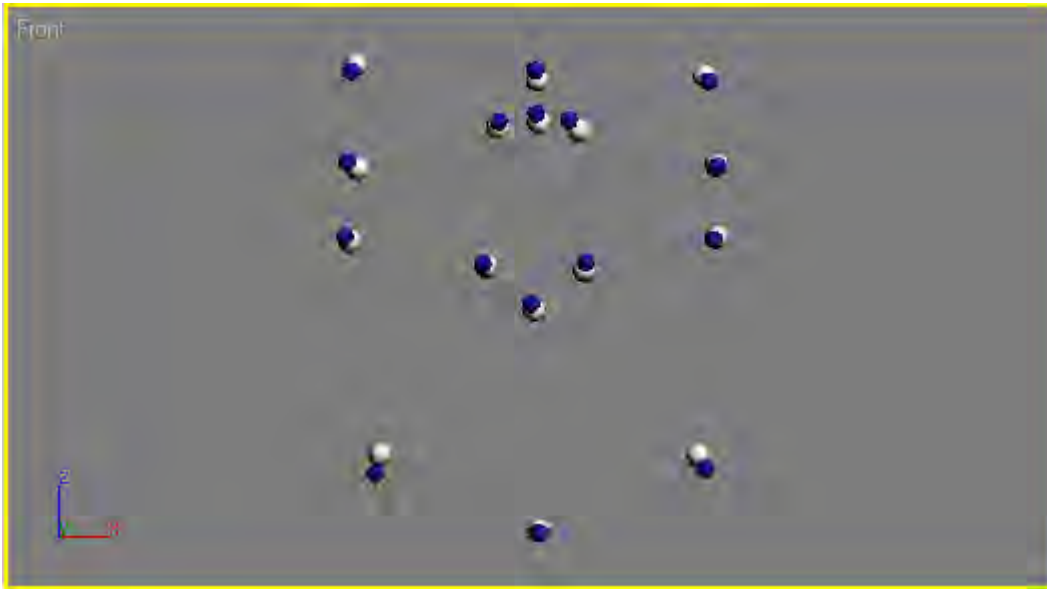
6281 photograph repeatability



6281 skull repeatability



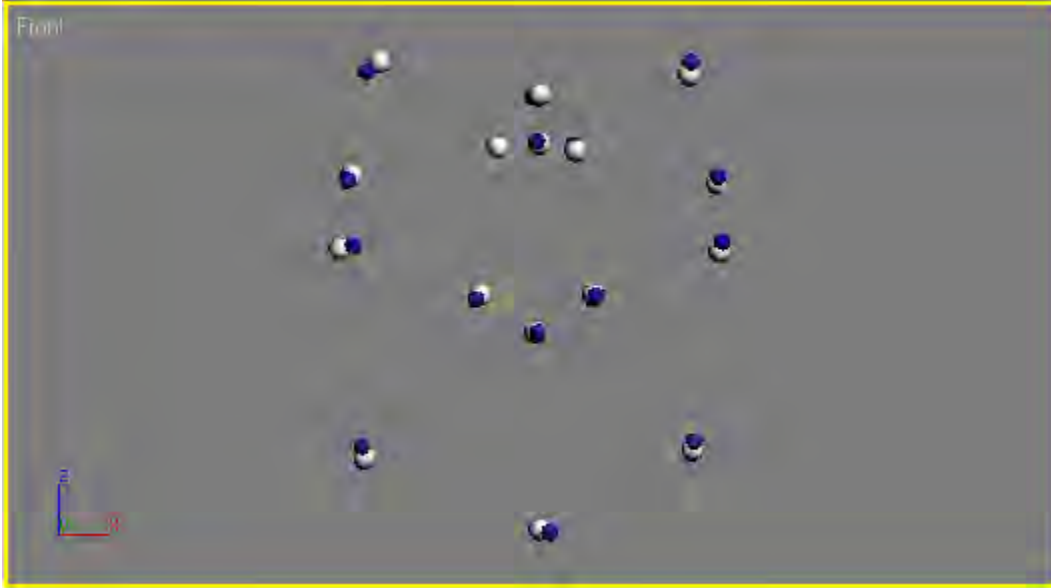
6306 photograph repeatability



6306 skull repeatability



6307 photograph repeatability



6307 skull repeatability