

Possible Questions for Kodak About JFK Skull X-Rays

1. Is the application of optical densitometry to x-rays an appropriate methodology for determining authenticity? {See Mantik lectures 1, 2 and 3.]

Rephrased, if a given set of x-rays demonstrates unusual optical densities which are widely divergent from "normal" (control) x-rays, is the inference of inauthenticity (i.e., that they are forged composites--copy films made after artifacts were overlaid onto the original film before copying) necessarily the *only* conclusion, or might there be *benign* explanations (such as overexposure, or abnormal developing) for such anomalies?

2. In an x-ray copy film, are the grid-lines from the original x-ray film copied through onto the copy film? (That is, should one expect to find the grid lines from the emulsion on the original film copied onto the image on the copy film, or not? If so, can such grid lines from an original image be found on the images present on the 3 JFK skull x-rays?)

[See Mantik lectures 2 and 3.]

3. Is it possible to make an x-ray copy film by passing ultraviolet light through the original x-ray, onto a pre-flashed copy film? [See Mantik lecture number 3.]

4. Are the ratios of optical densities on the JFK skull x-rays (between dark and light areas) equivalent to similar ratios on other JFK autopsy x-rays (such as the thorax, or the legs), or markedly different?

5. Cross-over factors: What was the cross-over factor for the type of x-ray film used at the JFK autopsy?

-And what implications does this have for the strength (intensity) or density of the images seen on each emulsion of the JFK head x-rays? (i.e., do the JFK cranial x-rays exhibit characteristics of copy films, or original x-ray films?)

[See Mantik lectures 2 and 3--he makes a false assumption in lecture 2 which he corrects in lecture 3.]

6. What is the import, if any, of missing film numbers on some JFK autopsy x-ray films?

-1 left lateral skull x-ray;

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- 3 each x-rays of the 3 bone fragments;
- 2 of the chest x-rays