Detection and correction of patient motion

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Automated Patient Motion Detection and Correction in Dynamic Renal Scintigraphy

Method

FIGURE 5. Example patient study shown in visual motion review tool. (A) Below each kidney image is corresponding linogram for original images (left column), images with simulated shift (center column), and motion-corrected images (right column). Slider control allows review of any image frame, and current frame position is indicated by vertical line on all linograms. (B) Enlarged view of linogram with image shifts, without vertical line marker. This tool allows user to select any of 86 patients, and any of 10 artificial shifts, for visual comparison of uncorrected and corrected images and linograms.