

ABSTRACT

3 A movement of an area whose shape changes for each
respiration or for each heartbeat is displayed. A
diagnosis support program that analyzes images of a
6 human body and displays analysis results, the program
causing a computer to execute: processing of acquiring
a plurality of frame images from a database that stores
9 the images (S1); processing of specifying a respiratory
cycle based on pixels in a specific area in each of the
frame images (S2); processing of detecting a lung field
12 based on the specified respiratory cycle (S3);
processing of dividing the detected lung field into a
plurality of block areas (S4) and calculating a change
15 in image in a block area in each of the frame images
(S5); processing of performing a Fourier analysis of
a change in image in each block area in each of the frame
18 images (S6); and processing of displaying each image
after the Fourier analysis on a display as a pseudo color
image (S7).

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