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Value from Innovation

Gentle touch brilliant image

NEW

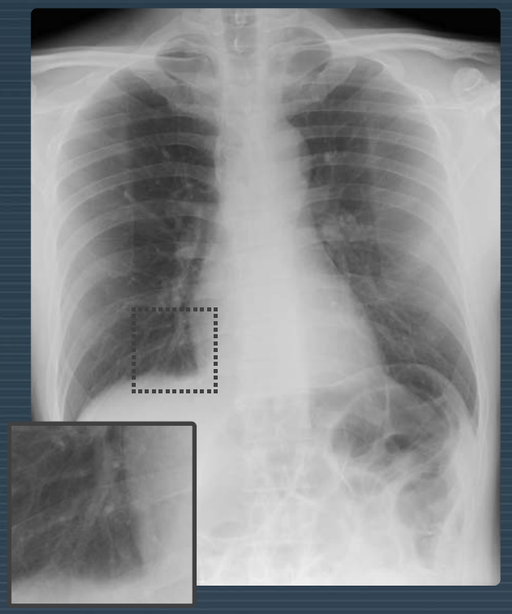
Virtual Grid

High resolution images with reduced radiation: The future of X-ray image processing

Virtual Grid

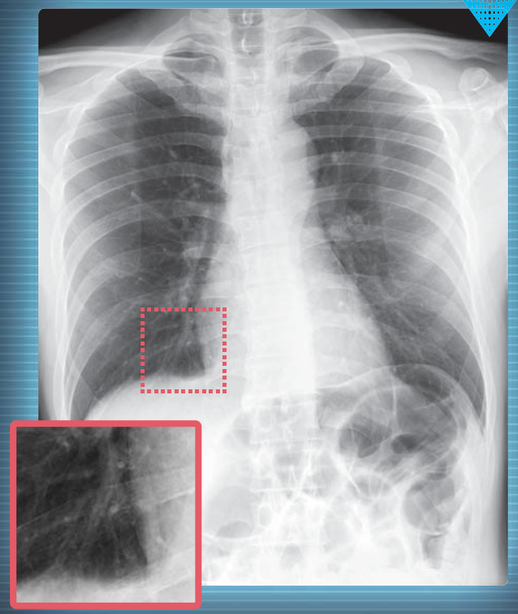
Virtual Grid is an image processing software that corrects for the effects of scatter radiation that otherwise reduce image contrast and clarity. Without the need for an anti-scatter grid, this software quickly and precisely predicts and then corrects for the effects of scattered radiation... creating high quality images. Virtual Grid can not only be used in situations where anti-scatter grid use is inconvenient, but users can also reduce the radiation dose to which patients are exposed because of high image quality at low dose conditions*.

* In CD-RAD phantom evaluations performed by FUJIFILM, when compared with images acquired with an 8:1 grid, comparable non-grid images processed with Virtual Grid software yielded a 50% reduction in dose.



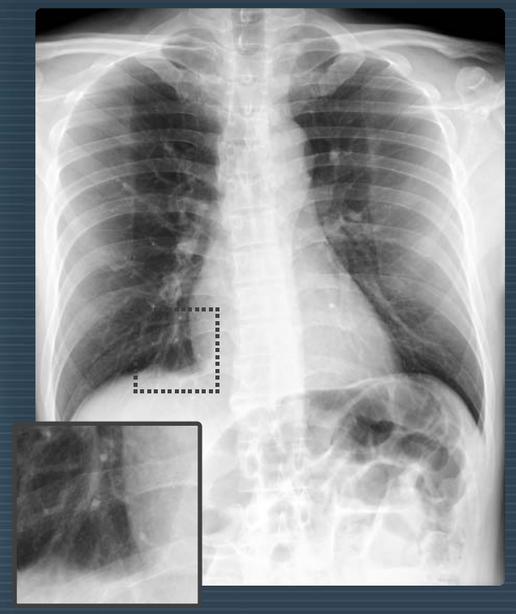
No Grid

50% dose reduction compared to a real grid.



Virtual Grid

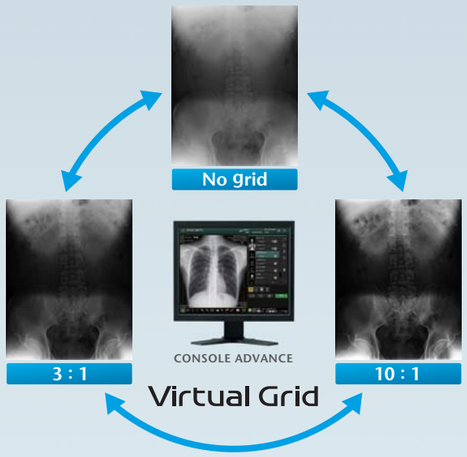
50% dose reduction compared to a real grid.



Real Grid

Variable Grid Selection

Virtual Grid allows setting of the grid ratio, number of grid lines and interspace material, and examinations using the appropriate grid conditions.
Just as for a conventional grid, different Virtual Grid settings can be used, best suited for the different regions and exposure conditions.
Of course, as it is a virtually created grid, the grid type can be changed after an exposure.



Can be used in many different environments, from the patient's bedside to the X-ray room

Virtual Grid software can improve workflow efficiency in situations where patient positioning and equipment alignment are difficult to achieve.

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Can be used with a variety of FUJIFILM products, such as the FDR D-EVO series.

FDR D-EVO Series

NEW

FDR D-EVO II C35

NEW

FDR D-EVO II C43

NEW

FDR D-EVO II G35

NEW

FDR D-EVO II G43

FDR D-EVO Plus C35i

FDR D-EVO Plus C43i

FDR D-EVO G35i

FDR D-EVO G43i

FDR D-EVO Plus C24i

FDR Go

FDR Go flex

* Please contact us for more details regarding requirements and devices with which the software can be used.

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