

Title (en)

NON-INVASIVE RADIOGRAPHIC METHOD FOR ANALYZATION OF A BODY ELEMENT

Title (de)

NON-INVASIVE RADIOGRAFISCHE METHODE ZUR ANALYSIERUNG EINES KÖRPERTEILS

Title (fr)

PROCEDE RADIOGRAPHIQUE NON INVASIF PERMETTANT UNE ANALYSE D'UNE PARTIE DU CORPS

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Application

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- US 80578797 A 19970225

Abstract (en)

[origin: WO9836683A1] This invention is a non-invasive process for analyzing the internal structure (10) of a patient. The process involves scanning a patient to acquire data representing a portion of the patient's internal structure. The scanned data is processed into three-dimensional volumetric and functional renderings. Baseline data representing three-dimensional volumetric data for either a normal internal structure or a previous scan of the patient's internal structure is also used in the process. The selected portions of the scanned and baseline data are preferably compared to determine whether an abnormality exists in the patient. Output data is sent to a display for displaying information related to the selected portions of the scanned and baseline data. An apparatus is also disclosed and includes a scanner for scanning a portion of a patient. A processor is utilized to receive and convert the converted data into three-dimensional volumetric data.

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