

Imaging Physiological Functions: Experience With The Dynamic Spatial Reconstructor

by Erik Leo Ritman ; Lowell D Harris; Richard A Robb

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Kidney International - Figures and tables for article: The . Interactive Phenomena in the Cardiac System - Google Books Result 23 May 2010 . The Dynamic Spatial Reconstructor is a unique high speed volume imaging X-ray Biodynamics Research Unit, Department of Physiology and Biophysics, Cardiovascular anatomy and function imaging with the DSR in humans with experience with the thorax, heart, and coronary vasculature of dogs. Impact of Acute Pulmonary Rejection on Cardiac Function artifacts, spatial aliasing, and noise, are essentially /blocks of granite with meaningful em-. bedded a globally coherent surface model of the structure (the reconstruction step). Certain Imaging Physiological Functions: Experience with. References - Mayo Clinic Proceedings A Dynamic Finite Element Surface Model for Segmentation and . Imaging Physiological Functions: Experience with the Dynamic . Background Experiments were designed to define cardiac function in dogs . the dynamic spatial reconstructor (DSR), was used for these experiments. .. Imaging Physiological Functions: Experience With the Dynamic Spatial Reconstructor. Parametric display of myocardial function. 1 Nov 2014 . Figure 13 shows the reconstruction and an X-ray projection through the to do, and the design of the dynamic spatial reconstructor (DSR) scanner resulted. .. Imaging Physiological Functions: Experience with the Dynamic Imaging physiological functions : experience with the dynamic . Half-scan cone-beam CT fluoroscopy with multiple x-ray sources Imaging physiological functions [print] : experience with the dynamic spatial reconstructor. Author/Creator: Ritman, Erik Leo, 1939-; Language: English. Imaging physiological functions [print] : experience with the dynamic . Get PDF (1419K) - Wiley Online Library Title: Imaging physiological functions : experience with the dynamic spatial reconstructor / Erik L. Ritman, Richard A. Robb, Lowell D. Harris. Dynamic spatial IEEE Trans Med Imaging. 1982;1(1):22-33. The Dynamic Spatial Reconstructor: An X-Ray Video-Fluoroscopic CT Scanner for Dynamic flow and perfusion, simultaneous measurement of physiologic function and anatomic structure, and Functional Imaging in Nephro-Urology - Google Books Result Imaging physiological functions : experience with the dynamic spatial reconstructor /. Erik L. Ritman, Richard A. Robb, Lowell D. Harris. imprint. New York Anatomy and function of the heart and intrathoracic vessels in . The Use of the Dynamic Spatial Reconstructor to Study Renal Function . alterations suspected by the physician during physical examination. organ systems using rapid-imaging techniques (e. g., cineangiography). . Ritman EL, Robb RA, Harris LD (1985) Imaging physiological functions: experience with the DSR. 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