

## 招待講演Ⅱ

### Computerized Tomography of the Human Body

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The utility of computerized tomography in the study of anatomy, physiology and pathology of the human body has been the subject of considerable interest since the introduction of CT scanning.

The advent of a new prototype scanning device has made it possible to examine a variety of abnormalities in the abdomen and thorax in a manner not previously possible. Utilizing the Delta Scanner\*, it has been possible to perform computerized tomography of all parts of the body. Abnormalities

of the central nervous system, thorax, abdomen and extremities have been studied in this manner. Breast lesions have likewise been identified. There is no question that a difference in tissue absorption is demonstrable by means of CT scanning in a variety of diseases. Morphologic changes are also shown. The impact of computerized tomography on nuclear medicine, ultrasound and angiography is currently under study.

\*The Ohio Nuclear Corporation, Solon, Ohio