CLINICAL EXPERIENCE OF NMR-CT: ANALYSIS OF 71 CASES.
The University of Tokyo & Toshiba Central Hospital.
Tokyo.

Clinical experiences of 71 cases studied by NMR-CT are reported. The patients had disorders in the head (41 cases), thorax (5) and abdomen (25). All the cases are also studied by X-ray CT. Advantages of NMR-CT X-ray CT are;

1. No ionizing radiation.
2. No bone artifacts.
3. Arbitrary tomographic planes.
5. Better tissue characterization indicated by T1 and T2.

Disadvantages are;
1. Longer scanning time.
2. Technique dependency of images.
3. Immature quantification of the parameters.
4. No effective contrast agent.