

24

AUTOMATIC REPORT-MAKING SYSTEM FOR RADIO-NUCLIDE STUDIES WITH THE AID OF AN ON-LINE COMPUTER SYSTEM. T.Nakagawa,A.Araki,H.Maeda,Y.Furukawa,K.Takeda,M.Taguchi,Y.Ohbayashi and T.Fujimoto. Mie University School of Medicine and Toshiba Corporation. Tsu, Mie and Nasu, Tochigi

Automatic report-making system is expected to be one of the effective approaches to simplify the routine works in nuclear medicine.

An on-line computer system for nuclear medicine (GMS-90, Toshiba) was used in this study. Most effective technique in this system is to make sentences of the diagnosis and the finding automatically by selecting the assorted words or phrases displayed on a character display. These words or phrases to be displayed together with matched alternative words or phrases to be printed out are beforehand assorted, arranged systematically and registered to the system. When the reports are made, selected words or phrases on the character display are transferred to the alternative ones and printed out in the registered order by a printer/plotter. This system has a convenience that the words or phrases and the order to be selected and printed out can be modified according to the doctor's preference. Other informations including patient and study informations, images, curves, and/or processed data, doctor's names and comments can be printed out on the report.

This system is expected to be utilized in various fields of clinical studies.
