

USING SYBASE INFOMAKER TO DESIGN AND OUTPUT CLINICAL REPORTS FROM ARIA ONCOLOGY INFORMATION SYSTEM

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Purpose : To explore a resolution to export data of ARIA oncology information (ARIA) system by InfoMaker.

Materials and Methods : According to the data location in the ARIA and linking structures between each database, we used InfoMaker program to reconstruct and edit new information report and data sheet frame by the Structured Query Language. These reports were further transformed to executive files so that each report can be retrieved at every terminal computer at each work station.

Results : Through customized report and data sheet by InfoMaker, we could export nearly all information in the ARIA with self-designed format for clinical service. The language output was correct through InfoMaker program, and we could also validate the data. Besides, after transforming those document to executive files, we achieved the convenience such as one-click execution and accessible at all workstation terminals. Through InfoMaker, ARIA could not only manage the radiation therapy information, but also direct export document for clinical service, statistical report, and customized form with extreme convenience.

Conclusion : Customizing documents, reports, and forms by InfoMaker, could overcome the difficulty and error in retrieving data from ARIA. It could also provide the one-click and accessible at every terminals convenience, and avoid the burden of establishing other database or program for exporting or processing data.

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