

## 435 Current Status of Korean Style PACS Development in Seoul National University Hospital

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**【Purpose】** The SNUH started a project for the development of a large scale, hospital-integrated PACS in January, 1995. The SNUH PACS project has three main goals;

- 1) to develop of a fully hospital-integrated PACS,
- 2) to develop of a cost effective PACS using open system architecture,
- 3) to extend PACS role to the advanced application such as image guided surgery, multi-media assisted education and research.

**【Objects and Process】**

- 1) Model study & Basic Technology (1995.1-1995.12)
- 2) Module Development (1996.1-1996.6)
- 3) Partial Operation (1998.1-1998.12)
- 4) Full scale Expansion (1998.1- 1998.12)
- 5) Advanced Features & Korea Standard (1990-2000)

**【Result】**

Type	Model	No	Acquisition	Status
MRI	Siemens Magnetom SP	1	DICOM gate way (Developed)	in use
C T	Seimens Somatom Plus S	1	DICOM gate way (Developed)	in use
DSA	Philips Intergral V-3000	1	DICOM gate way (Developed)	in progress
	Siemens Angio Star & Polytron S Plus	2	DICOM gate way (Developed)	in progress
SONO	ATL, etc.	4	PC DICOM gate way (Developed)	in use
C R	FCR 9000, FCR 9000 HQ FCR 9501, FCR AC-3	4	DICOM gate way (Developed)	in use

**【Conclusion】** A large scale PACS project is in progress for the development of hospital-integrated PACS in SNUH. Basic modules have been successfully developed. SNUH PACS is in partial scale now, and will be expanded to full scale by the end of 1998.