

1

$$\vdots$$

: 2004 10 2005 12 72 (: 37, : 35,
 57) 91 .

가 55
: 91 70% (n=64), 5% (n=5)
5%, 5% (n=4) 20% (n=18)
4% (n=4) 96% (n=87)
3% (n=3)
96% (n=53) 가

: 가

(1 - 4).

2004	10	2005	12	15	
			72		91

가
72 37 35 ,
57 .

1 4
(Fig. 1). 가 2

1

(Table 1).

91	87 (96%)	4 (4%)
2		
2		

Table1. Interventional Procedures Performed under Day-hospital System

	Procedure	Cases
Gastrointestinal	Esophageal balloon dilatation	22
	Esophageal stent placement	3
	Percutaneous gastrostomy	1
	Gastrointestinal stent placement	1
Hepatobiliary	Percutaneous biliary stone extraction	10
	Percutaneous biliary balloon dilatation	6
	Percutaneous biliary stent placement	5
	Percutaneous transhepatic biliary drainage	1
Urinary	Percutaneous nephrostomy	10
	Percutaneous ureteric stent placement	7
	Nephrostomy catheter change	1
Vascular	Recanalization of hemodialysis AVF*	10
	Venous port insertion	8
	Bronchial artery embolization	2
	Upper extremity arteriography	1
	Endovascular ablation of GSV [†]	1
Others	Renal cyst sclerotherapy	1
	Intra-peritoneal abscess drainage	1
Total		91

*AVF = arteriovenous fistula, [†]GSV = great saphenous vein



A

Fig. 1. The facility for day-hospital service

A. A four-bed space recovery room of our angiographic suite. The room has a patient-monitoring device, oxygen supplier, and wall suction device for patient care.



B

B. A part of the recovery room was used for the facility for day-hospital service.

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T -

가 , 가 1 10-20%

가

가 1

(5)

가

3 (3%)가 , 2

6

가

1

24

가

6

72

4 8 ,

5 55

53 (96%)

가

가 , 가 70% (64)

가

51 (93%)

가

2 (4%)

가

4 (7%)

(2) ,

(2)

10% (9)

(4) ,

(5)

(1) , (1) , (1) ,

(1)가 ,

(2) ,

(1 - 4). (1) , (1) , (1)가

1, 2

가

가

1,2

가

1

가

1 , 2 , 3

:

20% (18)

가

18

12

가

가

가

가

가

가

가

가

가

가

1

가

2

1

가

가

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Performance of Interventional Procedures in a Day-hospital System¹

Jae-Ik Bae, M.D., Auh Whan Park, M.D., Hye Seon Cho, M.D., Eun Hee Park, R.N.,
Gap Suk Choi, R.N., Seon Ju Lee, M.D., Yong Woo Kim, M.D., Je Ryang Juhn, M.D.

¹*Department of Radiology, Busan Paik Hospital, Inje University College of Medicine, Busan, Korea*

Purpose: We wanted to describe the practice and results of applying the day-hospital system in an interventional radiology clinic.

Materials and Methods: From Oct. 2004 to Dec. 2005, the day-hospital system was applied to various interventional procedures with using a part of the recovery room of an angiography suite as a facility for hospital admission. The study included 91 cases in 73 patients. The source of the patient referral, the procedures, hospital courses and complications were analyzed and questionnaire surveys were conducted for the available 55 patients.

Results: Among the patients, 70% ($n=64$) were referred from other departments, 5% ($n=5$) from other hospitals, 5% ($n=4$) were new patients and 20% ($n=18$) were re-admissions. The procedures included gastrointestinal, biliary, urinary, hemodialysis related- and implantable port related interventions. 96% ($n=87$) of the patients were successfully discharged in a day and admission to the general ward was only 4% ($n=4$). Minor complications occurred after discharges in 3% ($n=3$). The questionnaire survey revealed that 96% ($n=53$) of the patients were satisfied with the service and they were not anxious after discharge.

Conclusion: Most of common interventional procedures were safely done under the day-hospital system with the patients being highly satisfied. The day-hospital system can be a good tool for establishing admitting privileges for an interventional radiology clinic.

Index words : Radiology and radiologists, departmental management
Radiology and radiologists, socioeconomic issues

Address reprint requests to : Jae-Ik, Bae M.D., Department of Radiology, Busan Paik Hospital, Inje University College of Medicine,
633-165, Gaegeum2-dong, Busanjin-gu, Busan, 614-735, Republic of Korea.
Tel. 82-51-890-6949 Fax. 82-51-896-1085 E-mail: jibae@inje.ac.kr