



student t-test

1992 1996 5 9  
 ( 48 52 )  
 2457 ( 1961 , 496 )  
 (Index words)  
 Journal X(2)  
 1998 6 ( 38 )

1992 1996 5  
 2457 (28-38 , 2851 )  
 614 (25%)  
 1995 34% 가 , 1996 16%

(Table 1).

가

28% 24%

(p < 0.05).

(27%)

(17%)

(p < 0.05).

가

(0-56 ) , 13.3  
 15.3

12.6

(p < 0.05). (Table 2)

가

5.8

4.8

(p < 0.05).

4.7

가 , 가 , 가 가

5.8

1.1

가

4.9

5.7

가 , 가

0.8

가

.

가

가

1 가

16% , 가 43% , 7% ,

가 가

가

가

30%

16%

(Table 3).

가 가

가

가

16%

1 가

1 가

1992 68.9% , 1993 76.9% , 1994 70.8% , 1995

Table 1. Publication Rate of Abstracts Presented at the Scientific Meetings of the Korean Radiological Society

	Publication Rate
Presentation year	
1992	106/422(25)
1993	130/498(26)
1994	137/480(29)
1995	144/430(34)
1996	97/627(16)
Presentation Type	
Scientific Session	530/1961(27)
Scientific Exhibition	84/496(17)
Presentation Season	
Spring	161/575(28)
Autumn	453/1882(24)
Total	614/2457(25)

Data are publication articles/presentation abstracts.  
 Numbers in parentheses are percentages.

Table 2. Interval from Presentation to Publication

	Time(months)
Presentation Type	
Scientific Session	13.2
Scientific Exhibition	13.7
Presentation Season	
Spring	15.3
Autumn	12.6
Average Time	13.3

Table 3. Change in Authors of Articles Compared with Abstracts

	No. of Article(%)
Unchanged	98( 16)
Deletion	40( 7)
Addition	265( 43)
Addition & Deletion	184( 30)
Others	27( 4)
Total	614(100)

74.6%, 1996 78.4% 가  
 , 2.8 1 가 가 가  
 (Table 4). 1 가 452  
 가 가 368 (81%) ,  
 1 가 162 가 가  
 105 (65%) , 가 1  
 가 가 1 가  
 (p < 0.05).  
 1983-1984  
 (1983 21.6% 1984 24.0%)  
 (1983 78.5% 1984 76%)가  
 (1). 276  
 50 %가 (3),  
 1985 4 44% 50%가  
 4  
 (4).  
 53%)가 가 (47%) , 49% 54%가 (5).  
 87%가 48%가  
 71% 가 (Table 5).  
 60%가 (6).  
 175  
 1945 가 13.3  
 53 가 (1, 3-6).  
 가 , 가  
 1 가, 1972 2 , 1985  
 6 가 1994  
 1992 169 1997 693 25%  
 , 1992  
 1996 5 가  
 25%  
 1996  
 16% , 가  
 1998 6 , 96  
 2

Table 4. Academic Position of First Author of Articles Published in the Journal of the Korean Radiological Society

Academic Position	No. of Articles(%)		
	Scientific Session	Scientific Exhibition	Total
Staff	138(22)	24(4)	162(26)
Resident	392(64)	60(10)	452(74)

Table 5. Comparison between Abstracts and Articles. (n= 614)

Contents	No. of unchanged content(%)	No. of insignificant change(%)	No. of significant change(%)	Total
Title	286(47)	242(39)	86(14)	614(100)
Purpose	532(87)	43( 7)	39( 6)	614(100)
Methods & materials	279(45)	289(47)	46( 8)	614(100)
Results	297(48)	260(42)	57( 9)	614(100)
Conclusion	436(71)	127(21)	51( 8)	614(100)

가 : 가 1 가 1 가 1

가 , 가 , 가 1

가 , 가 , 가

가 , 가 , 가

가 , 가 , 가 2000

가 , 가 , 가 1 1 , 2 2 1 1 1 1

가 , 가 , 가

가 , 가 , 가 1960 2

가 , 가 , 가 468 1984 16 2861 가

가 , 가 , 가 0.92 0.83

가 (7). 가 2.15 (1960 )

가 , 가 , 가 4.36 (1985 ) 가 (10-11). Slone (12)

가 , 1986 5 AJR 가 , 가

가 , 64% 15 , AJR 가 5

82% 70%가 AJR 가 17%

가 , 가 , 가 3 9%

가 6 30% 가 . 가

(undeserved authorship) 2/3가

(29%) 1 (40%) , 12%

(12). 가 (incentives)

가 , 가 1 (abuses of authorships) (13-14).

가 , 가 (12). (gift authorship) 가

가 , 가 (15).

Weintraub 1987 , 30% Berk (16) , (data collection), (data analysis), (manuscript preparation)

(9). 가 , 가 (veracity), (justice), (benefi- cence), (nonmaleficence) 가 (17). (authorship criteria)

가 , 가 16% , 1 (honorary author) , (ghost author) , (review article)

가 , 가 16% . 42% 가 (9). 가 (research article)

1 가 74% 가 , 가 (18).

가

가

가

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## **Fate of Abstracts Presented at the Scientific Meetings of the Korean Radiological Society<sup>1</sup>**

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**Purpose:** To determine the publication rate of abstracts presented at the scientific meetings of the Korean Radiological Society(KRS) and to compare the contents of publication articles and presentation abstracts.

**Materials and Methods :** Between 1992 and 1996 it was determined whether or not 2457 abstracts presented at meetings of the KRS were published in the Journal of the Society. Publications that matched presentations were identified, and the proportion of abstracts published was calculated. Differences in publication rates between spring and autumn meetings, and between scientific sessions(SS) and scientific exhibitions(SE) were examined. The elapsed time between presentation and publication was recorded. The contents ( authors, title, purpose, materials and methods, results, and conclusion) of abstracts presented at scientific meetings of the KRS were compared with those of articles published in the Journal of the KRS.

**Results :** We found that the mean proportion of abstracts published as articles was 25 %. There was a significantly different publication rate between spring and autumn meetings, and between SS and SE. The mean time lapse between presentation and publication was 13.3 months. The mean number of authors was 4.8 in the case of abstracts and 5.8 in the case of articles. Of the 614 articles, 98 (16 %) showed no evidence of a change of first author. Articles were more likely to mention an additional co-author (81 % versus 66 % ,  $p < 0.05$ ) when the first author was a resident than when he or she was a staff member. The purpose and conclusion of the studies remained the same in a high percentage of cases (87 % for purpose and 71 % for conclusion).

**Conclusion :** The fact that only 25 % of the abstracts presented at scientific meetings of the KRS have been published is one that should be of concern to the investigators involved. It is important that studies undertaken should proceed to the publication stage. though it is recognized that the discrepancy in this respect is probably due to factors which are not academic.

**Index words :** Presentations, Korean Radiological Society  
Publications, J Korean Radiol Soc

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