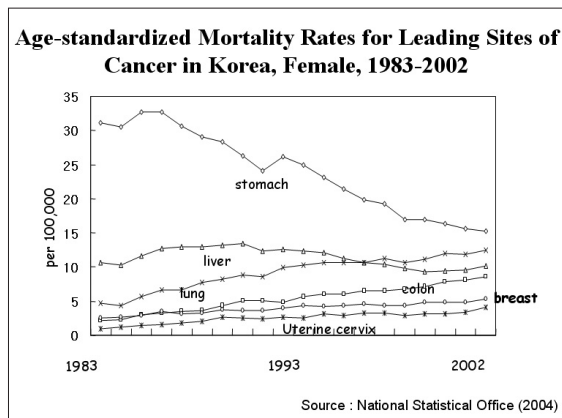
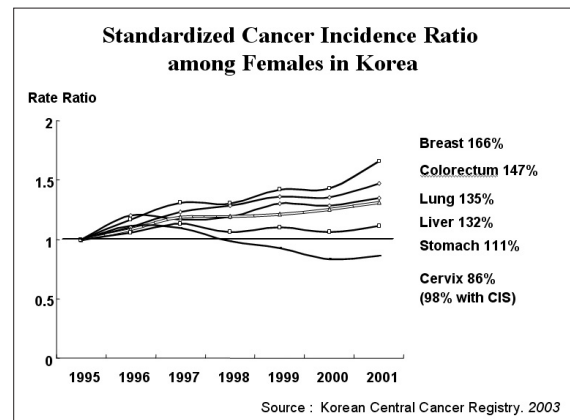


9:00 - 9:20

우리나라 유방암 조기검진 실태

순천향의과대학 예방의학교실

이 경 재

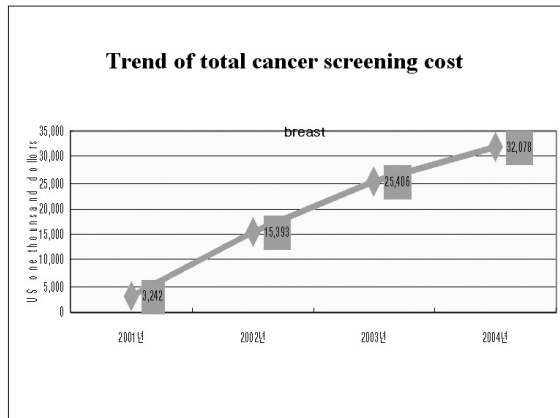
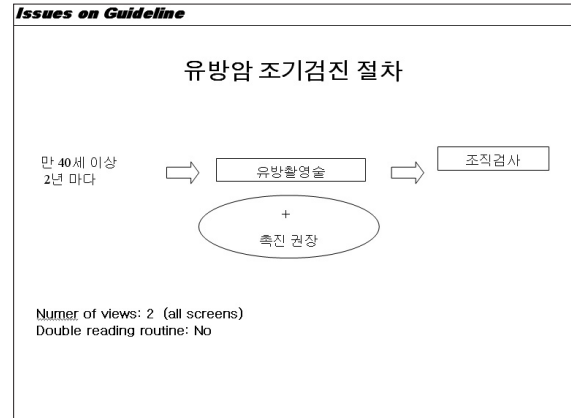
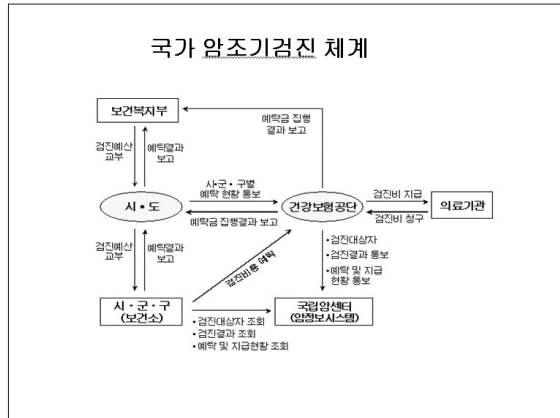


National Cancer Screening Program of KOREA

국가암 조기검진 프로그램의 요약

검진 대상자 구분	의료급여 수급자	건강보험 가입자 ¹
시점/년도	1999	2002
대상 암부위	위 유방 자궁경부 간 ³ 대장	위 유방 자궁경부 ² 간 ³ 대장 ⁴

1. 건강보험 가입자 중 하위 50 %
 2. 1988년 부턴 실시되고 있던 정기건강진단에서 포함
 3. 2003년 부턴 추가
 4. 2004년 부턴 추가



Recall rate and cancer detection rate of screening mammography by study area

	Total	A	B	C
No. of positive cases*	7,931	3,180	2,280	2,471
No. of women undergoing screening mammography	118,183	10,737	53,206	54,240
Recall rate (%)	6.7	29.6	4.3	4.6
No. of cancers	61	6	41	14
Cancer detection rate (per 1,000 screenees)	0.5	0.6	0.8	0.3

*Positive mammograms were assigned to categories 0, 4, 5 and/or had a recommendation for biopsy or surgical consultation.
Source: Lee et al, 2003

Comparison of sensitivity, specificity and positive predictive value between screening mammography and additional ultrasonography

	Sensitivity (%)	Specificity (%)	PPV (%)
A (n=10,737)			
MM	85.7	70.3	0.2
MM + US	57.1	97.5	15.4
B (n=53,206)			
MM	93.2	97.6	3.1
MM + US	86.7	98.3	56.5
C (N=54,240)			
MM	75.0	86.3	0.6
MM + US	66.7	95.2	10.1
Total (n=118,183)			
MM	84.7	94.0	0.9
MM + US	79.6	95.3	24.2

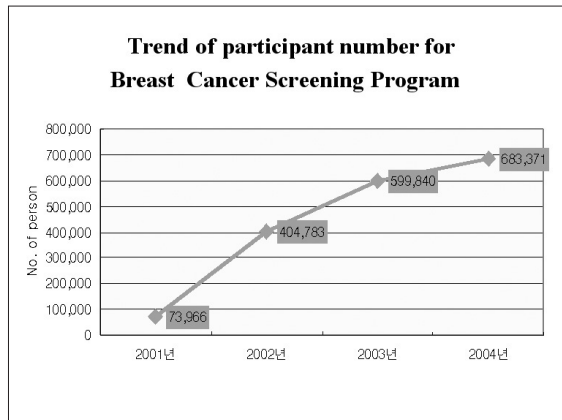
Data are percentages. MM, mammography; US, ultrasonography; PPV, positive predictive value; Positive mammograms were assigned to categories 0, 4, 5 and/or had a recommendation for biopsy or surgical consultation.
Source: Lee et al, 2003

Screening Rate

Low Cancer Screening Rates

		Ever screened during lifetime		Screened during previous 2 yrs	
		Male	Female	Male	Female
Cervix		-	74.0%	-	57.0%
Breast		-	57.4%	-	38.4%
Stomach		45.2%	51.4%	37.4 %	41.2%
Liver	Average risk	41.2%	29.1%	11.7%	9.6%
	High risk	59.2%	32.4%	22.4%	8.1%
Colorectal		30.0%	26.0%	8.7%	5.8%

source: National cancer center, 2006



향후 고려사항

- 유방암 조기검진 체계의 안정적 구축을 위한 점검
 - 유방암 발견율 향상
 - 유방암 조기검진에 대한 인식 향상
 - 소검율 향상
 - 유방암 조기검진의 효과성을 보기 위한 체계적인 연구
- 유방암의 사망률 감소