

FIG.1

Reti-CVD		STROKE			MYOCARDIAL INFARCTION			ATRIAL FIBRILLATION		
RISK GROUP	POPULATION	EVENT	(%)	INCIDENCE	EVENT	(%)	INCIDENCE	EVENT	(%)	INCIDENCE
LOW RISK GROUP	17606	28	(0.16)	0.23	79	(0.45)	0.64	135	(0.77)	1.10
MODERATE RISK GROUP	24180	198	(0.82)	1.19	343	(1.42)	2.06	661	(2.73)	3.99
HIGH RISK GROUP	2279	30	(1.32)	1.93	64	(2.81)	4.14	153	(6.71)	10.06
TOTAL	44065	256	(0.58)	0.84	486	(1.10)	1.60	949	(2.15)	3.13

FIG.2A

Reti-CVD	STROKE		MYOCARDIAL INFARCTION		ATRIAL FIBRILLATION	
	ADJUSTED HR (95% CI)		ADJUSTED HR (95% CI)		ADJUSTED HR (95% CI)	
LOW RISK GROUP	1 (REFERENCE)		1 (REFERENCE)		1 (REFERENCE)	
MODERATE RISK GROUP	2.34(	1.51 - 3.63)	1.20(	0.91 - 1.58)	1.19(	0.97 - 1.47)
HIGH RISK GROUP	2.45(	1.37 - 4.39)	1.49(	1.03 - 2.15)	1.70(	1.30 - 2.23)
HR TREND	1.50(	1.16 - 1.95)	1.22(	1.01 - 1.47)	1.32(	1.15 - 1.51)
C-INDEX	0.75(	0.72 - 0.78)	0.78(	0.76 - 0.80)	0.77(	0.75 - 0.78)

FIG.2B

DISEASE	RetI-CVD	OR	LCL	UCL	P
CORONARY ARTERY	LOW RISK GROUP	1 (REFERENCE)			
	MODERATE RISK GROUP	2.22	(1.58 - 3.12)		<0.001
	HIGH RISK GROUP	10.37	(7.58 - 14.18)		<0.001
	TREND	3.91	(3.44 - 4.44)		<0.001
PERIPHERAL VASCULAR DISEASE	LOW RISK GROUP	1 (REFERENCE)			
	MODERATE RISK GROUP	2.33	(0.64 - 8.44)		1.98
	HIGH RISK GROUP	9.65	(2.94 - 31.64)		<0.001
	TREND	3.59	(2.22 - 5.80)		<0.001
ATRIAL FIBRILLATION	LOW RISK GROUP	1 (REFERENCE)			
	MODERATE RISK GROUP	2.16	(1.45 - 3.23)		<0.001
	HIGH RISK GROUP	9.36	(6.51 - 13.45)		<0.001
	TREND	3.52	(3.00 - 4.14)		<0.001
AORTIC VALVE STENOSIS	LOW RISK GROUP	1 (REFERENCE)			
	MODERATE RISK GROUP	2.32	(0.48 - 11.35)		0.298
	HIGH RISK GROUP	8.13	(1.87 - 35.35)		0.005
	TREND	3.14	(1.72 - 5.74)		<0.001

FIG.3

DISEASE	Reti-CVD	OR	LCL	UCL	P
HEART FAILURE	LOW RISK GROUP	1 (REFERENCE)			
	MODERATE RISK GROUP	1.68	(0.77 - 3.68)		0.194
	HIGH RISK GROUP	7.33	(3.64 - 14.77)		<0.001
	TREND	3.31	(2.42 - 4.54)		<0.001
ISCHEMIC STROKE	LOW RISK GROUP	1 (REFERENCE)			
	MODERATE RISK GROUP	1.99	(0.93 - 4.25)		0.077
	HIGH RISK GROUP	4.7	(2.30 - 9.59)		<0.001
	TREND	2.24	(1.66 - 3.04)		<0.001
TRANSIENT ISCHEMIC ATTACK	LOW RISK GROUP	1 (REFERENCE)			
	MODERATE RISK GROUP	1.33	(0.61 - 2.92)		0.478
	HIGH RISK GROUP	4.17	(2.07 - 8.40)		<0.001
	TREND	2.34	(1.67 - 3.27)		<0.001
ARTERIAL HYPERTENSION	LOW RISK GROUP	1 (REFERENCE)			
	MODERATE RISK GROUP	1.67	(1.45 - 1.92)		<0.001
	HIGH RISK GROUP	3.17	(2.78 - 3.61)		<0.001
	TREND	1.82	(1.72 - 1.93)		<0.001
PULMONARY EMBOLISM	LOW RISK GROUP	1 (REFERENCE)			
	MODERATE RISK GROUP	1.45	(0.87 - 2.41)		0.156
	HIGH RISK GROUP	3.00	(1.86 - 4.84)		<0.001
	TREND	1.79	(1.42 - 2.27)		<0.001
DEEP VEIN THROMBOSIS	LOW RISK GROUP	1 (REFERENCE)			
	MODERATE RISK GROUP	1.60	(1.06 - 2.42)		0.025
	HIGH RISK GROUP	2.54	(1.70 - 3.80)		<0.001
	TREND	1.59	(1.31 - 1.93)		<0.001
CEREBROVASCULAR DISEASE	LOW RISK GROUP	1 (REFERENCE)			
	MODERATE RISK GROUP	1.06	(0.70 - 1.60)		0.787
	HIGH RISK GROUP	2.36	(1.62 - 3.42)		<0.001
	TREND	1.68	(1.40 - 2.02)		<0.001

FIG.4

VARIABLE	Reti-CVD		
	LOW RISK GROUP (n=550)	MODERATE RISK GROUP (n=276)	HIGH RISK GROUP (n=275)
Reti-CVD	45 (8.2%)	42 (15.2%)	51 (18.5%)
AGE, MEAN (STANDARD DEVIATION), YEARS	55.6 (7.9)	61.2 (6.1)	63.3 (5.2)
SEX, NUMBER (%)	231 (42.0%)	177 (64.1%)	193 (70.2%)
ANTIHYPERTENSIVE MEDICATION, NUMBER (%)	192 (34.9)	151 (54.7%)	149 (54.2%)
STATIN, NUMBER (%)	114 (20.7%)	52 (18.8%)	44 (16.0%)
LIFETIME SMOKER, NUMBER (%)	187 (34.0%)	121 (43.8%)	153 (55.6%)

FIG.5A

Reti-CVD	POPULATION	EVENT	INCIDENCE (95% CONFIDENCE INTERVAL)	aHR(95% CI)*	P-VALUE
LOW RISK GROUP	550	45	7.7 (5.8-10.4)		
MODERATE RISK GROUP	276	42	15.2 (11.2-20.6)	1.57 (1.00-2.47)	0.050
HIGH RISK GROUP	275	51	19.0 (14.4-25.0)	1.88 (1.19-2.98)	0.007
	1,101	138	12.3 (10.4-14.5)		
HR TREND =				1.36 (1.09-1.70)	0.007

FIG.5B

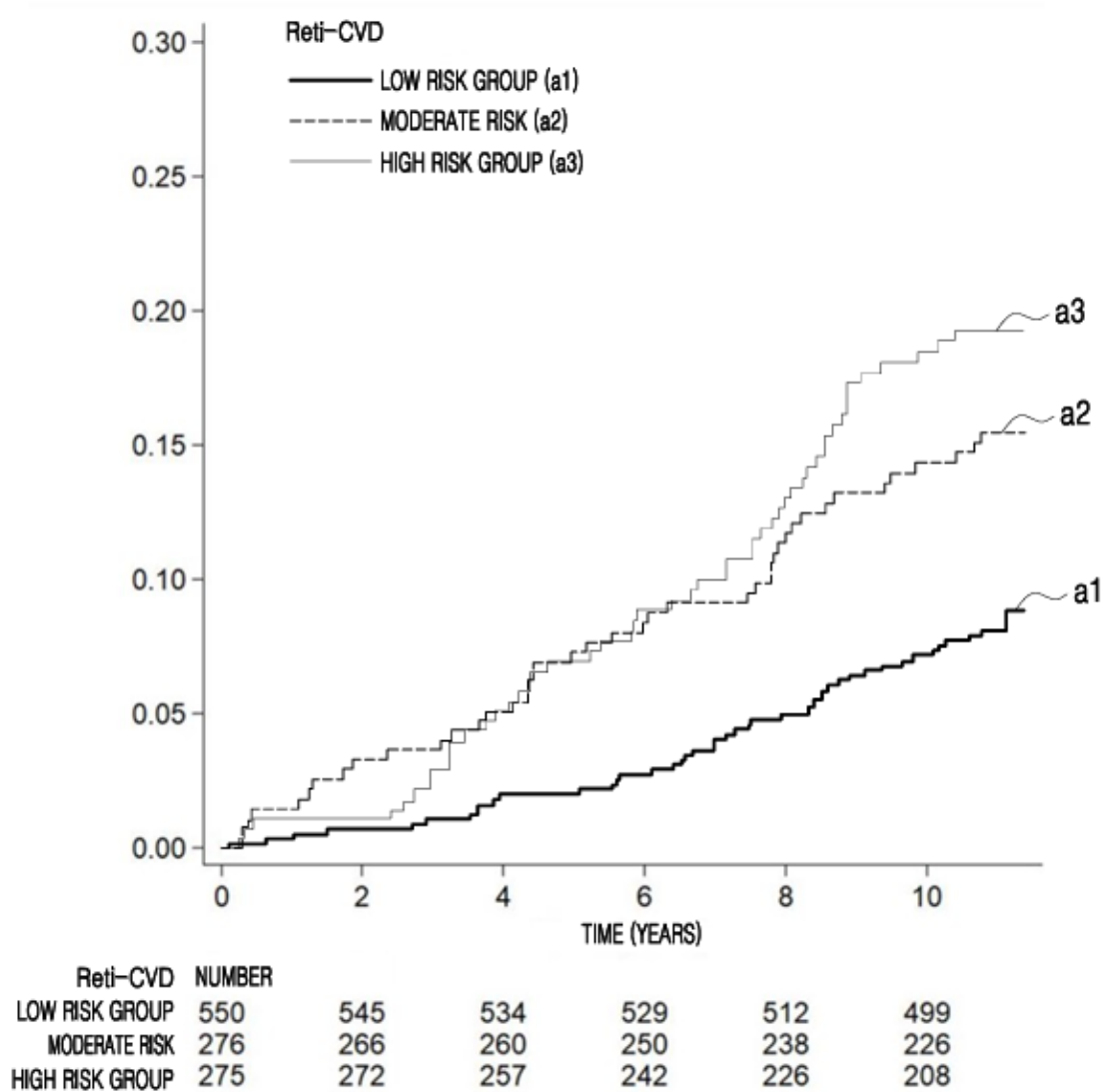


FIG.6

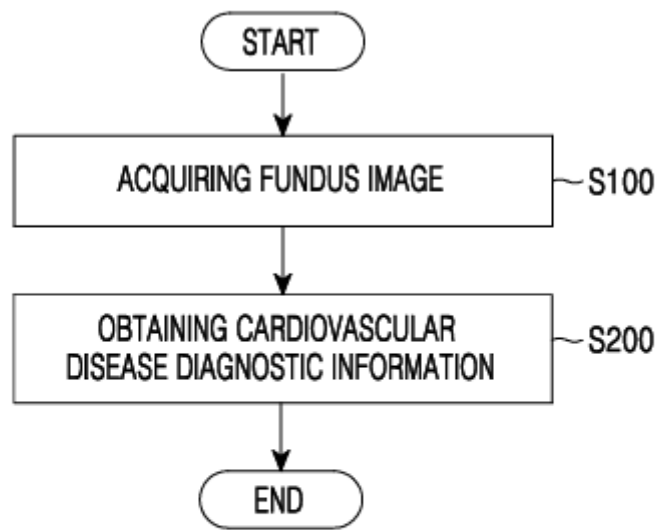


FIG.7

	HR	LCL	UCL	P
Reti-AF				
LOW RISK GROUP		REFERENCE		
MODERATE RISK GROUP		(1.95 - 3.71)		<0.01
HIGH RISK GROUP		(4.08 - 7.41)		<0.01
(TREND)		(1.98 - 2.57)		<0.01
C-INDEX		(0.64 - 0.68)		

FIG.8A

	HR	LCL	UCL	P
Reti-AF				
LOW RISK GROUP		REFERENCE		
MODERATE RISK GROUP	1.14	(0.80 - 1.61)		0.47
HIGH RISK GROUP	1.24	(0.86 - 1.78)		0.26
(TREND)	1.10	(0.94 - 1.30)		0.24
AGE	1.11	(1.09 - 1.13)		<0.01
SEX				
FEMALE		REFERENCE		
MALE	1.69	(1.47 - 1.94)		<0.01
SMOKING	0.67	(0.44 - 1.02)		0.06
DIABETES	1.53	(1.06 - 2.19)		0.02
HYPERLIPIDEMIA	0.85	(0.71 - 1.03)		0.10
HYPERTENSION	1.29	(1.05 - 1.59)		0.02
C-INDEX	0.76	(0.74 - 0.78)		

FIG.8B

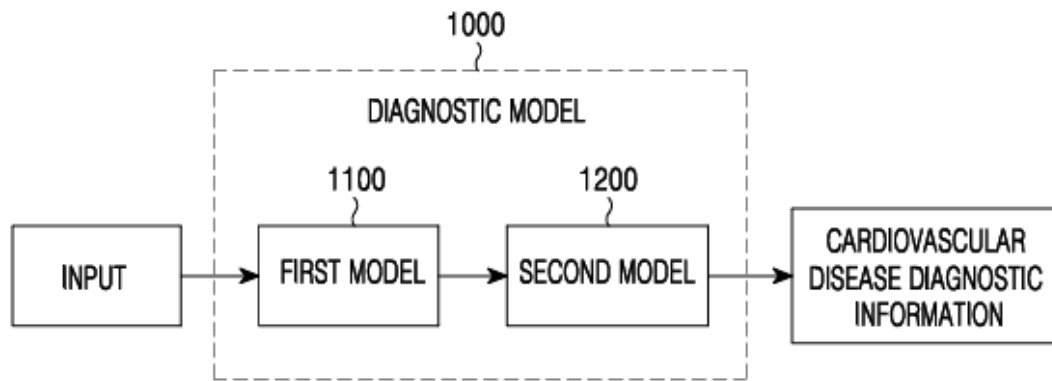


FIG.9

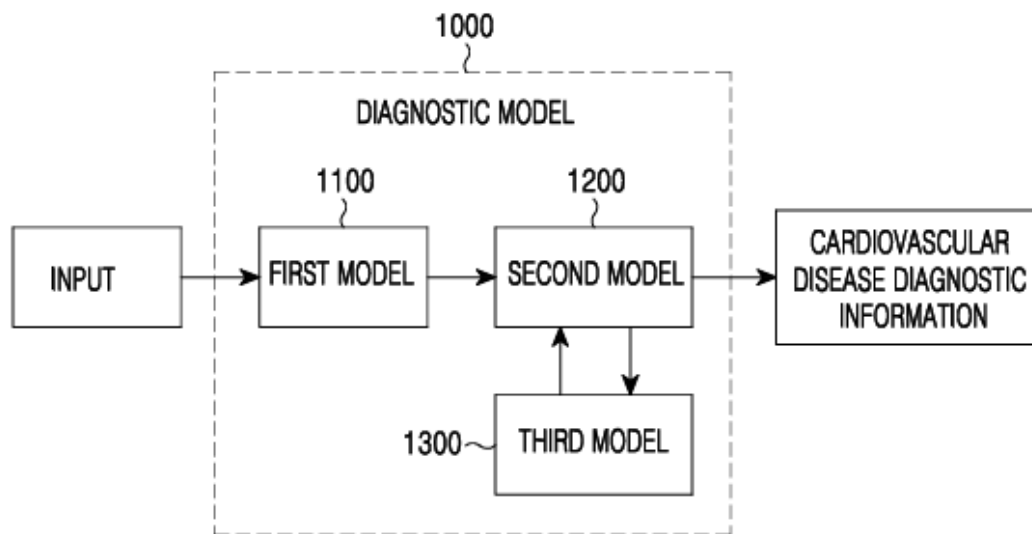


FIG.10