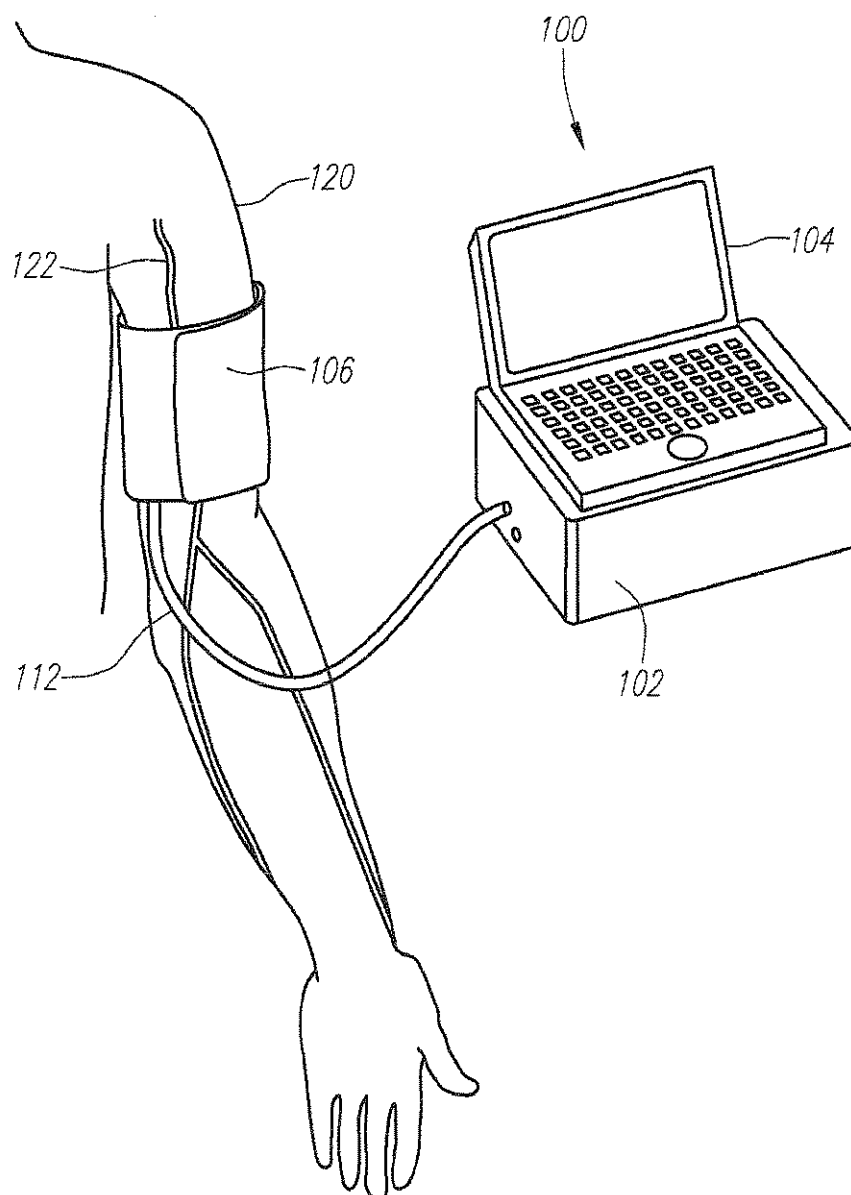


*FIG. 1*

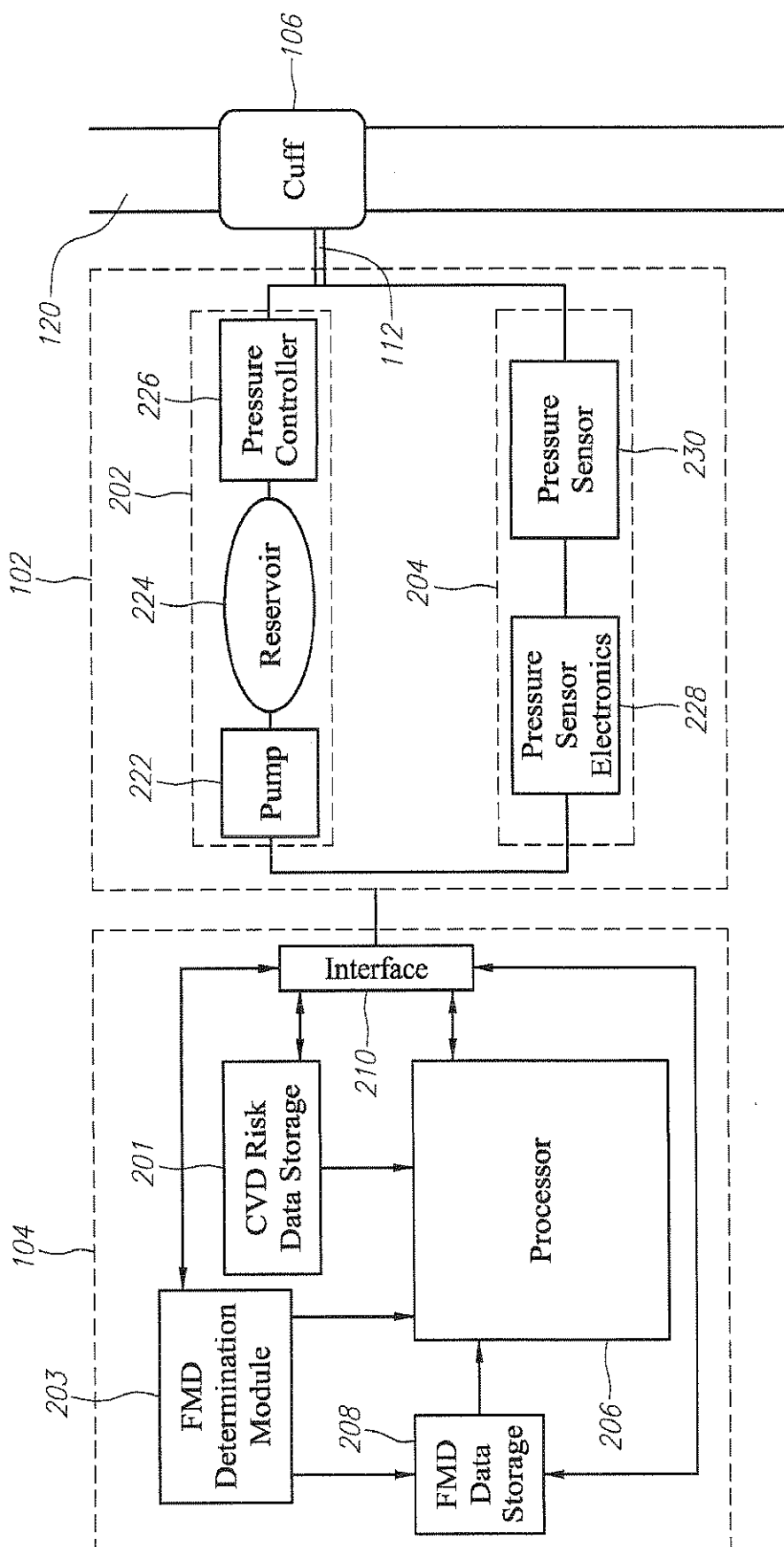


FIG. 2

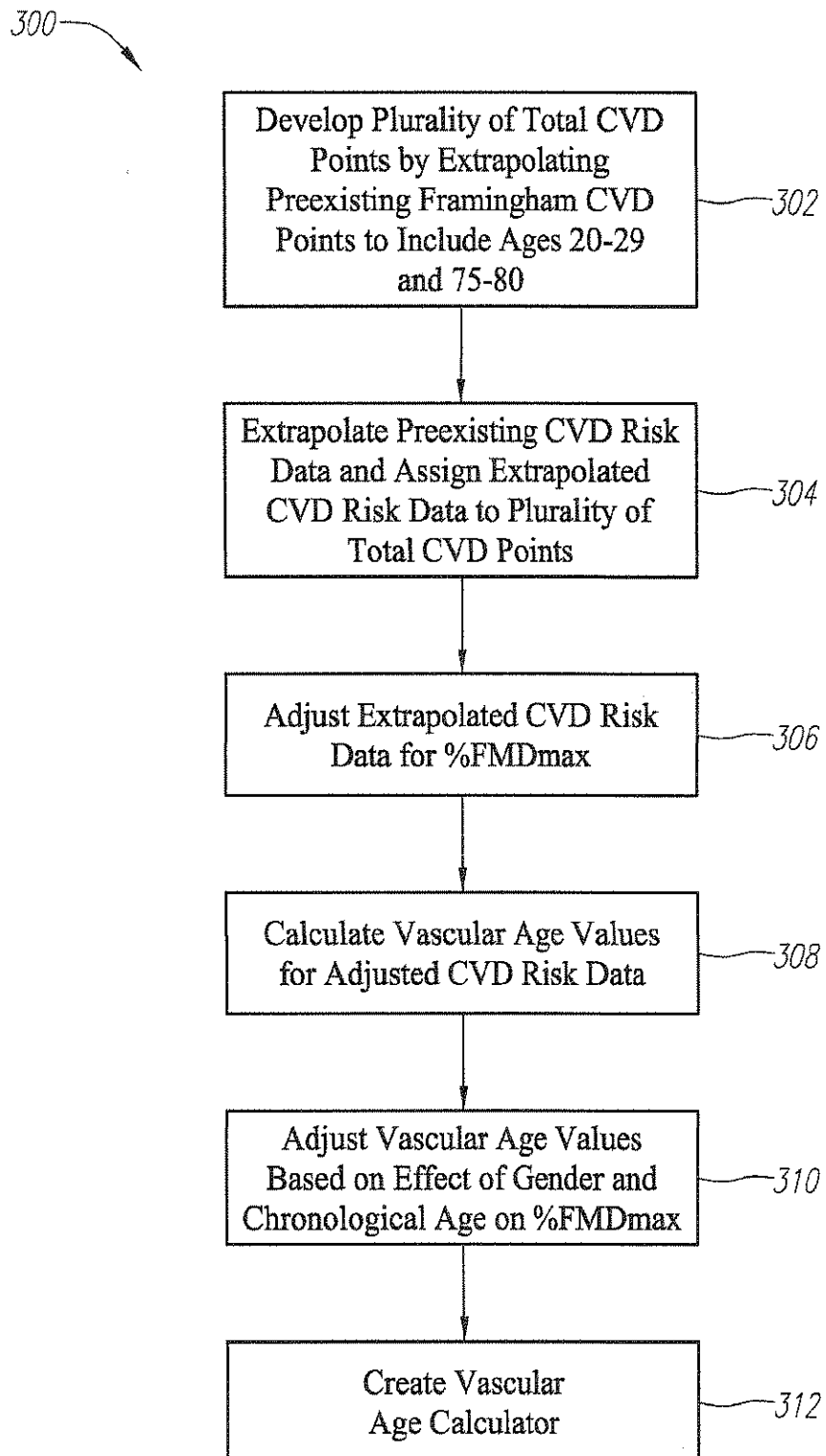
*FIG. 3*

FIG. 4

EXTRAPOLATED FRAMINGHAM CVD RISK SCORES (%) -- MEN/NO LABS																
%FMD max																
Framingham Total Points Factor x	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15+
FMD 10 Score:	4.03	3.50	3.05	2.65	2.31	2.01	1.75	1.52	1.32	1.15	1.00	0.87	0.76	0.66	0.57	0.50
-9	1.93	1.68	1.16	1.27	1.11	0.10	0.84	0.73	0.63	0.55	0.48	0.42	0.36	0.32	0.27	0.24
-8	2.33	2.03	1.77	1.54	1.34	1.16	1.01	0.88	0.77	0.67	0.58	0.50	0.44	0.38	0.33	0.29
-7	2.74	2.38	2.07	1.80	1.57	1.36	1.19	1.03	0.90	0.78	0.68	0.59	0.51	0.45	0.39	0.34
-6	3.26	2.84	2.47	2.15	1.87	1.63	1.41	1.23	1.07	0.93	0.81	0.70	0.61	0.53	0.46	0.40
-5	3.91	3.40	2.96	2.57	2.24	1.95	1.69	1.47	1.28	1.11	0.97	0.84	0.73	0.64	0.56	0.48
-4	4.43	3.85	3.35	2.92	2.54	2.21	1.92	1.67	1.45	1.26	1.10	0.96	0.83	0.72	0.63	0.55
-3	5.63	4.90	4.27	3.71	3.23	2.81	2.44	2.13	1.85	1.61	1.40	1.23	1.06	0.92	0.80	0.70
-2	6.44	5.60	4.87	4.24	3.69	3.21	2.79	2.43	2.11	1.84	1.60	1.39	1.21	1.05	0.92	0.80
-1	7.64	6.65	5.79	5.04	4.38	3.81	3.32	2.89	2.51	2.18	1.90	1.65	1.44	1.25	1.09	0.95
0	9.25	8.05	7.01	6.10	5.30	4.61	4.01	3.49	3.04	2.64	2.30	2.00	1.74	1.51	1.32	1.15
1	11.28	9.81	8.53	7.42	6.46	5.62	4.89	4.25	3.70	3.22	2.80	2.44	2.12	1.84	1.60	1.40
2	13.29	11.56	10.05	8.75	7.61	6.62	5.76	5.01	4.36	3.79	3.30	2.87	2.50	2.17	1.89	1.64
3	16.10	14.01	12.19	10.60	9.22	8.03	6.98	6.07	5.28	4.60	4.00	3.48	3.03	2.63	2.29	1.99
4	18.92	16.46	14.32	12.46	10.84	9.43	8.20	7.14	6.21	5.40	4.70	4.09	3.56	3.09	2.69	2.34
5	22.54	19.61	17.06	14.84	12.91	11.24	9.77	8.50	7.40	6.44	5.60	4.87	4.24	3.69	3.21	2.79
6	27.01	23.50	20.41	17.76	15.45	13.44	11.69	10.17	8.85	7.70	6.70	5.83	5.07	4.41	3.84	3.34
7	32.18	28.00	24.40	21.20	18.40	16.10	14.00	12.10	10.60	9.20	8.00	6.96	6.06	5.27	4.58	3.99
8		33.30	28.90	25.20	21.90	19.10	16.60	14.40	12.60	10.90	9.50	8.27	7.19	6.26	5.44	4.73
9			34.10	29.70	25.80	22.50	19.50	17.00	14.80	12.90	11.20	9.74	8.48	7.38	6.42	5.58
10					30.70	26.70	23.20	20.20	17.60	15.30	13.00	11.57	10.07	8.76	7.62	6.63
11						31.50	27.40	23.80	20.70	18.00	15.70	13.66	11.88	10.34	8.99	7.83
12							32.30	28.10	24.40	21.30	18.50	16.10	14.00	12.18	10.60	9.22
13								33.00	28.70	24.90	21.70	18.88	16.42	14.29	12.43	10.82
14									33.60	29.20	25.40	22.10	19.22	16.73	14.55	12.66
15										34.00	29.60	25.80	22.40	19.50	17.00	14.80
16+											37.00	32.20	28.00	24.40	21.20	18.40

VASCULAR AGE CALCULATOR (NON-LABORATORY PARAMETERS): MEN

STEP 1: CALCULATE TOTAL CVD POINTS						
CVD Points	Chronological Age (YRS)	Body Mass Index (kg/m ²)	Systolic BP (mmHg) Not Treated	Systolic BP (mmHg) Treated	Current Smoker	Diabetic
-7	20-24					
-6						
-5						
-4						
-3	25-29					
-2			<120			
-1						
0	30-34	<25	120-129	<120	NO	NO
1		25-<30	130-139			
2	35-39	≥30	140-159	120-129		
3			160+	130-139		YES
4				140-159	YES	
5	40-44			160+		
6						
7	45-49					
8	50-54					
9						
10	55-59					
11	60-64					
12						
13	65-69					
14	70-74					
15	75+					
Point Subtotals:						

FIG. 5

606

STEP 2: CONVERT TOTAL CVD POINTS TO VASCULAR AGE																
		%FMDmax														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15+
TOTAL CVD POINTS FROM STEP 1	>0	30	28	27	26	24	23	22	21	20	19	19	18	<18	<18	<18
	-9	31	30	29	27	26	25	24	23	22	21	20	19	18	<18	<18
	-8	32	31	30	29	27	26	25	24	23	22	21	20	19	18	<18
	-7	33	32	30	29	27	26	25	24	23	22	22	21	20	19	18
	-6	35	33	32	31	29	28	27	25	24	23	22	21	20	19	18
	-5	37	36	34	33	31	30	28	27	26	25	23	22	21	20	19
	-4	39	37	35	34	32	31	30	28	27	26	24	23	22	21	20
	-3	40	38	37	35	33	32	31	29	28	27	25	24	23	22	21
	-2	42	40	38	37	35	33	32	30	29	28	27	25	24	23	22
	-1	45	43	41	39	37	35	34	32	31	29	28	27	26	24	23
	0	47	45	43	41	39	38	36	34	33	31	30	28	27	26	24
	1	51	48	46	44	42	40	38	37	35	33	32	31	29	28	27
	2	54	51	49	47	44	42	41	38	37	35	34	32	31	29	28
	3	55	52	50	48	45	43	42	39	38	36	35	33	32	30	29
	4	58	55	52	50	48	46	44	41	40	38	36	34	33	32	31
	5	61	58	56	53	51	48	46	44	42	40	38	37	35	33	32
	6	65	62	59	56	54	51	49	46	45	43	41	39	37	35	33
	7	69	65	63	60	57	54	51	49	47	45	43	41	39	38	36
	8	70	66	63	61	58	55	52	50	48	46	44	42	40	39	37
	9	73	70	67	64	61	58	55	53	50	48	46	44	42	40	38
	10	78	74	70	68	64	61	58	56	54	51	49	47	45	43	40
	11	80	75	71	69	65	62	59	57	54	52	50	48	46	44	41
	12	>80	79	75	72	68	65	63	60	57	54	52	50	48	46	44
	13	>80	79	76	73	69	66	64	61	58	55	53	51	49	47	45
	14	>80	>80	79	77	73	70	66	64	61	58	56	54	51	49	47
	15	>80	>80	80	78	74	71	67	65	62	59	57	55	52	50	48
	16+	>80	>80	>80	>80	79	75	72	69	66	64	61	58	56	54	52
VASCULAR AGE (YEARS)																

604

602

FIG. 6

VASCULAR AGE CALCULATOR (LABORATORY PARAMETERS): MEN

STEP 1: CALCULATE TOTAL CVD POINTS							
CVD Points	Chronological Age (YRS)	HDL Cholesterol (mg/dL)	Total Cholesterol (mg/dL)	Systolic BP (mmHg) Not Treated	Systolic BP (mmHg) Treated	Current Smoker	Diabetic
-7	20-24						
-6							
-5							
-4							
-3	25-29						
-2		60+		<120			
-1		50-59					
0	30-34	45-49	<160	120-129	<120	NO	NO
1		35-44	160-199	130-139			
2	35-39	<35	200-239	140-159	120-129		
3			240-279	160+	130-139		YES
4			280+		140-159	YES	
5	40-44				160+		
6	45-49						
7							
8	50-54						
9							
10	55-59						
11	60-64						
12	65-69						
13							
14	70-74						
15	75+						
Point Subtotals:							

FIG. 7

806

STEP 2: CONVERT TOTAL CVD POINTS TO VASCULAR AGE																	
%FMD _{max}																	
	≥0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
-11	26	24	23	22	21	20	19	18	<18	<18	<18	<18	<18	<18	<18	<18	
-10	27	26	25	23	22	21	20	19	19	18	<18	<18	<18	<18	<18	<18	
-9	28	27	26	25	24	23	22	21	20	19	18	<18	<18	<18	<18	<18	
-8	30	29	27	26	25	24	23	22	21	20	19	18	<18	<18	<18	<18	
-7	32	31	29	28	27	25	24	23	22	21	20	19	18	<18	<18	<18	
-6	34	32	31	29	28	27	26	24	23	22	21	20	19	19	18	<18	
-5	36	35	33	31	30	28	27	26	25	24	23	22	21	20	19	18	
-4	38	36	35	33	32	30	29	27	26	25	24	23	22	21	20	19	
-3	40	38	37	35	33	32	30	29	27	26	25	24	23	22	21	20	
-2	41	40	38	37	35	33	32	30	29	27	26	25	24	23	22	21	
-1	43	42	40	36	36	34	33	31	30	29	27	26	25	24	23	22	
0	45	43	41	40	38	36	35	33	31	30	28	27	26	25	24	23	
1	48	46	44	42	40	38	36	35	33	32	30	29	27	26	25	24	
2	52	49	47	45	43	41	39	37	35	34	32	31	29	28	27	26	
3	55	53	50	48	46	44	42	40	38	36	34	33	31	30	29	27	
4	58	55	53	50	48	46	44	42	39	38	36	35	33	32	30	29	
5	59	56	54	51	49	47	45	43	40	39	37	36	34	33	31	30	
6	64	60	57	54	52	49	47	45	42	41	39	37	36	34	33	31	
7	66	63	60	57	55	52	50	48	45	43	41	40	38	36	35	33	
8	70	67	64	61	58	56	53	50	48	46	44	42	40	38	36	35	
9	72	68	65	62	59	57	54	51	49	47	45	43	41	39	37	36	
10	76	72	69	65	62	59	57	54	52	49	47	45	43	41	39	37	
11	80	76	72	69	66	63	59	57	55	52	50	48	46	45	43	41	
12	>80	77	73	70	67	64	60	58	56	53	51	49	47	46	44	42	
13	>80	>80	77	74	70	67	64	61	58	56	53	51	49	47	45	43	
14	>80	>80	>80	78	74	71	68	65	62	59	56	54	51	48	46	44	
15	>80	>80	>80	78	75	72	69	66	63	60	57	55	52	49	47	45	
16	>80	>80	>80	>80	79	76	72	69	66	63	60	57	55	52	50	48	
17	>80	>80	>80	>80	>80	77	73	70	67	64	61	58	56	53	51	49	
18+	>80	>80	>80	>80	>80	>80	78	74	71	68	65	62	59	56	54	51	
VASCULAR AGE (YEARS)																	

804

802

FIG. 8

VASCULAR AGE CALCULATOR (NON-LABORATORY PARAMETERS): WOMEN

STEP 1: CALCULATE TOTAL CVD POINTS						
CVD Points	Chronological Age (YRS)	Body Mass Index (kg/m ²)	Systolic BP (mmHg) Not Treated	Systolic BP (mmHg) Treated	Current Smoker	Diabetic
-7	20-24					
-6						
-5						
-4						
-3	25-29		<120			
-2						
-1				<120		
0	30-34	<25	120-129		NO	NO
1		25-<30	130-139			
2	35-39	≥30		120-129		
3			140-149	130-139		
4			150-159		YES	
5	40-44		160+	140-149		YES
6	45-49			150-159		
7						
8	50-54			160+		
9						
10	55-59					
11	60-64					
12	65-69					
13						
14	70-74					
15	75+					
Point Subtotals:						

FIG. 9

1006

STEP 2: CONVERT TOTAL CVD POINTS TO VASCULAR AGE																
	%FMDmax															
	<0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15+
-10	31	29	27	26	25	24	22	21	20	19	18	<18	<18	<18	<18	<18
-9	32	30	29	28	26	25	24	22	21	20	19	18	<18	<18	<18	<18
-8	33	32	31	29	28	26	25	24	23	21	20	19	18	18	<18	<18
-7	36	34	33	31	29	28	27	25	24	23	22	21	20	19	18	<18
-6	38	36	34	33	31	30	28	27	25	24	23	22	21	20	19	18
-5	40	38	36	35	33	31	30	28	27	25	24	23	22	21	20	19
-4	42	40	38	36	35	33	31	30	28	27	25	24	23	22	21	20
-3	45	43	41	39	37	35	33	32	30	28	27	26	25	23	22	21
-2	46	44	42	40	38	36	34	32	31	29	28	27	26	24	23	22
-1	48	46	44	42	39	37	36	34	32	31	29	28	27	25	24	23
0	52	49	47	44	42	40	38	36	34	32	31	29	28	27	25	24
1	55	51	49	47	44	42	40	38	36	34	33	31	29	28	27	25
2	58	55	52	50	47	45	43	40	39	36	35	33	31	30	28	27
3	61	58	55	52	50	47	45	43	41	38	37	35	33	32	30	28
4	65	62	59	56	53	50	48	46	43	41	39	37	35	34	32	30
5	69	66	62	59	56	53	51	48	45	43	41	39	37	36	34	32
6	70	66	63	60	57	54	52	49	46	44	42	40	38	37	35	33
7	73	70	66	63	60	57	54	51	48	46	44	42	40	38	37	35
8	78	74	70	67	63	60	57	54	51	49	47	45	42	40	38	36
9	>80	77	74	70	67	64	60	57	54	52	49	47	45	42	40	38
10	>80	78	75	71	68	65	61	58	55	53	50	48	46	43	41	39
11	>80	>80	78	75	71	67	64	61	58	55	52	50	48	45	43	42
12	>80	>80	79	76	72	68	65	62	59	56	53	51	49	46	44	43
13	>80	>80	80	77	73	69	66	63	60	57	54	52	50	47	45	44
14	>80	>80	>80	80	76	73	69	65	61	59	56	53	51	48	46	45
15	>80	>80	>80	80	77	74	70	66	62	60	57	54	52	49	47	46
16+	>80	>80	>80	>80	78	75	71	67	63	61	58	55	53	50	48	47

TOTAL CVD POINTS FROM STEP 1

VASCULAR AGE (YEARS)

1002

1004

FIG. 10

VASCULAR AGE CALCULATOR (LABORATORY PARAMETERS): WOMEN

STEP 1: CALCULATE TOTAL CVD POINTS						
CVD Points	Chronological Age (YRS)	HDL Cholesterol (mg/dL)	Total Cholesterol (mg/dL)	Systolic BP (mmHg) Not Treated	Systolic BP (mmHg) Treated	Current Smoker
-5	20-24					
-4						
-3				<120		
-2	25-29	60+				
-1		50-59			<120	
0	30-34	45-49	<160	120-129		NO
1		35-44	160-199	130-139		
2	35-39	<35		140-149	120-129	
3			200-239		130-139	YES
4	40-44		240-279	150-159		YES
5	45-49		280+	160+	140-149	
6					150-159	
7	50-54				160+	
8	55-59					
9	60-64					
10	65-69					
11	70-74					
12	75+					
Point Subtotals:						

FIG. 11

1206

STEP 2: CONVERT TOTAL CVD POINTS TO VASCULAR AGE																
%FMDmax																
TOTAL CVD POINTS FROM STEP 1	VASCULAR AGE (YEARS)															
	<0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15+
-10	26	25	23	22	21	20	18	<18	<18	<18	<18	<18	<18	<18	<18	<18
-9	29	27	25	24	22	21	20	19	18	<18	<18	<18	<18	<18	<18	<18
-8	31	29	27	26	24	23	21	20	19	18	<18	<18	<18	<18	<18	<18
-7	34	31	29	27	26	24	23	21	20	19	18	<18	<18	<18	<18	<18
-6	36	33	31	29	28	26	25	23	22	20	19	18	<18	<18	<18	<18
-5	38	36	34	31	30	28	26	25	23	22	20	19	18	<18	<18	<18
-4	41	38	36	34	32	30	28	26	25	23	22	21	20	18	<18	<18
-3	43	41	39	36	34	32	30	28	27	25	24	22	21	20	18	<18
-2	47	44	42	39	37	35	32	31	29	27	25	24	22	21	20	19
-1	49	46	43	41	38	36	34	32	30	28	27	25	23	22	21	20
0	50	47	44	42	39	37	35	33	31	29	28	26	24	23	22	21
1	55	52	49	46	43	41	38	36	34	31	30	28	26	25	23	22
2	58	55	51	49	46	43	40	38	36	34	31	30	28	26	25	23
3	62	59	55	52	49	46	43	41	38	36	34	32	30	28	26	25
4	68	64	60	56	53	50	47	44	41	39	37	34	32	30	29	28
5	73	68	64	60	57	53	50	47	44	42	39	37	35	33	31	29
6	74	69	65	61	58	54	51	48	45	43	40	38	36	34	32	30
7	79	75	70	65	62	58	55	51	48	45	43	40	38	36	34	31
8	>80	80	75	70	66	62	58	55	51	49	46	43	40	38	36	34
9	>80	>80	80	75	71	65	62	58	55	52	49	46	43	41	38	36
10	>80	>80	>80	76	72	66	63	59	56	53	50	47	44	42	39	37
11	>80	>80	>80	78	74	67	64	60	57	54	51	48	45	43	41	38
12	>80	>80	>80	78	74	68	65	61	58	55	52	49	46	44	42	39
13	>80	>80	>80	>80	78	73	69	65	60	57	54	51	48	45	43	41
14	>80	>80	>80	>80	79	74	70	66	61	58	55	52	49	46	44	42
15+	>80	>80	>80	>80	80	75	70	67	62	59	56	53	50	47	45	43

1202

1204

FIG. 12

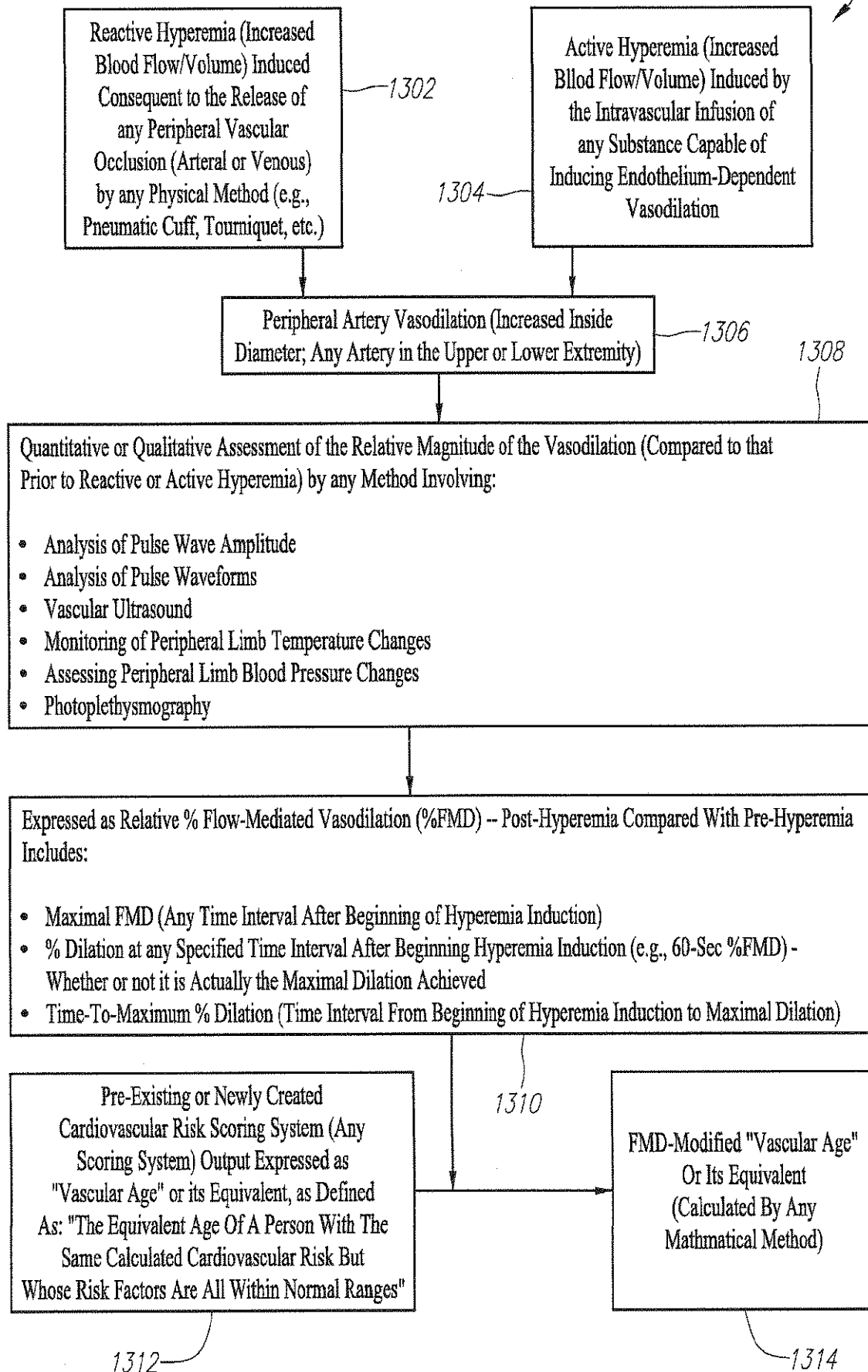
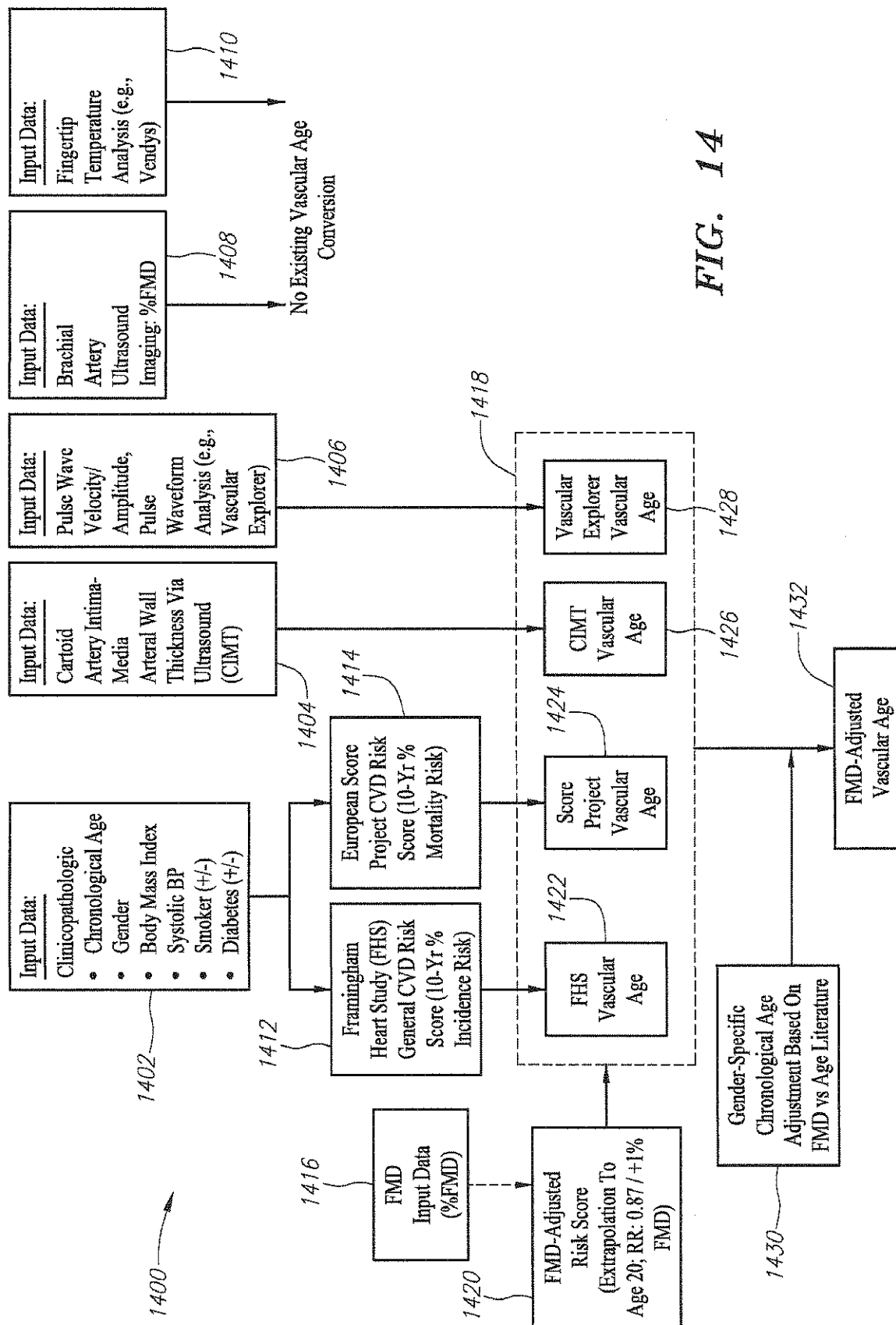
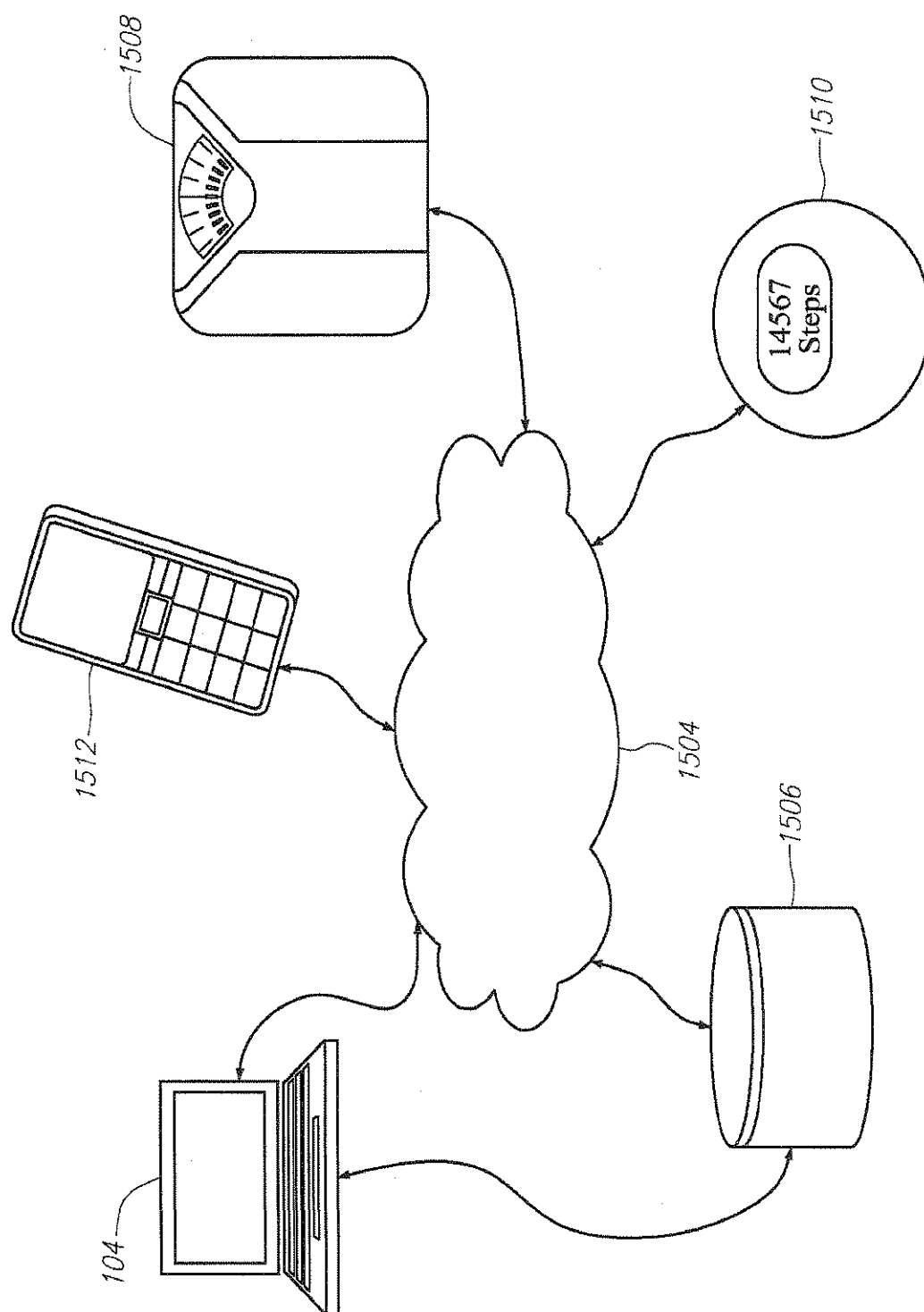


FIG. 13



**FIG. 15**