

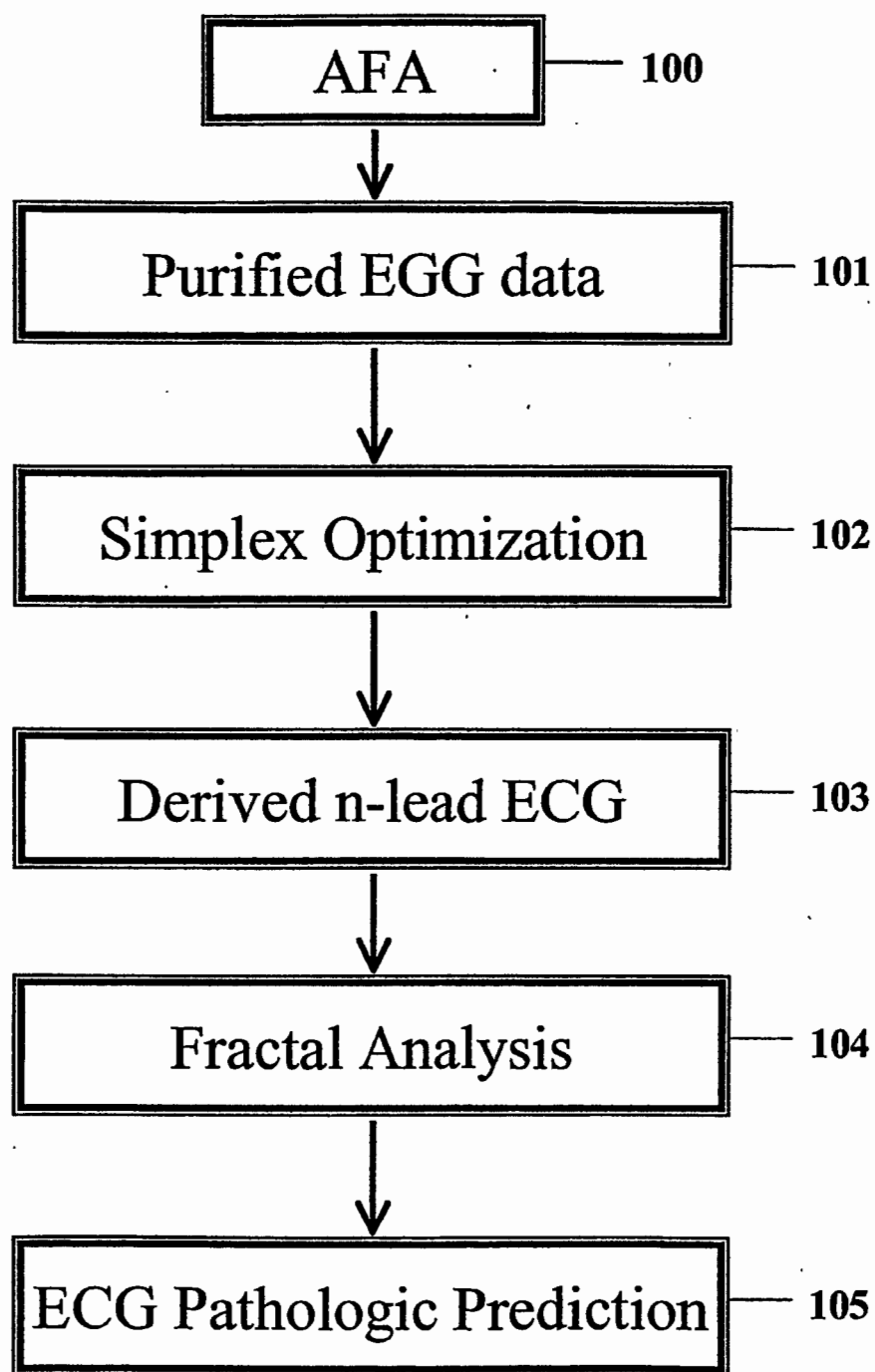


Fig. 1

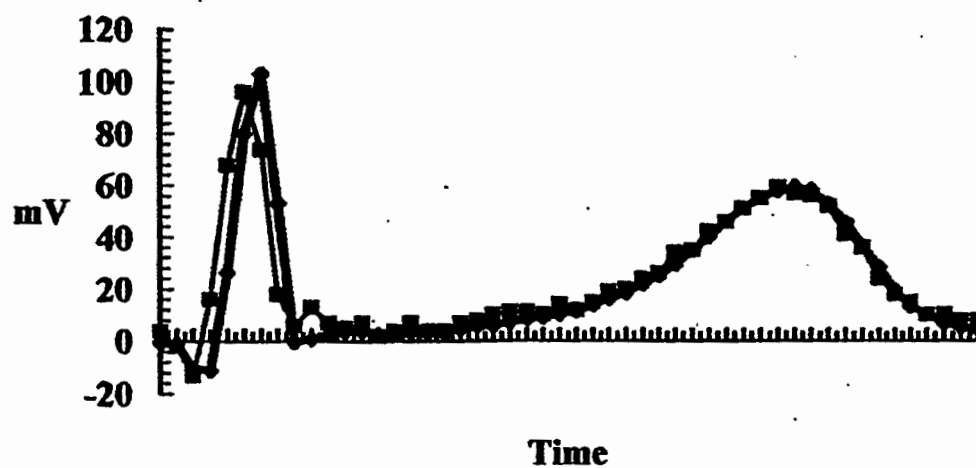
**LEAD I
CASE 1**

Fig. 2

—■— Measured —●— Predicted

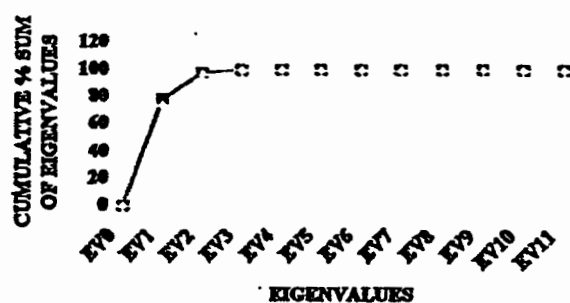


Fig. 3

—■— FEMALE —●— MALE

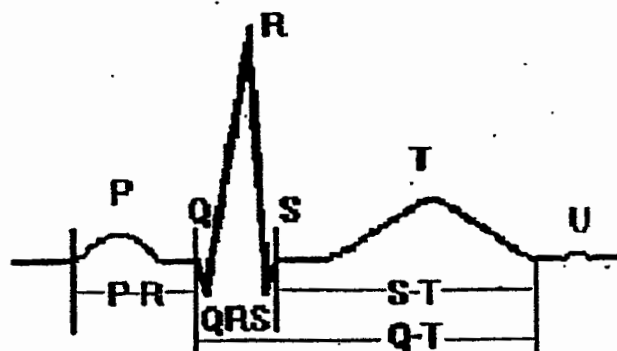


Fig. 4

Case 50

____ Measured ____ Predicted

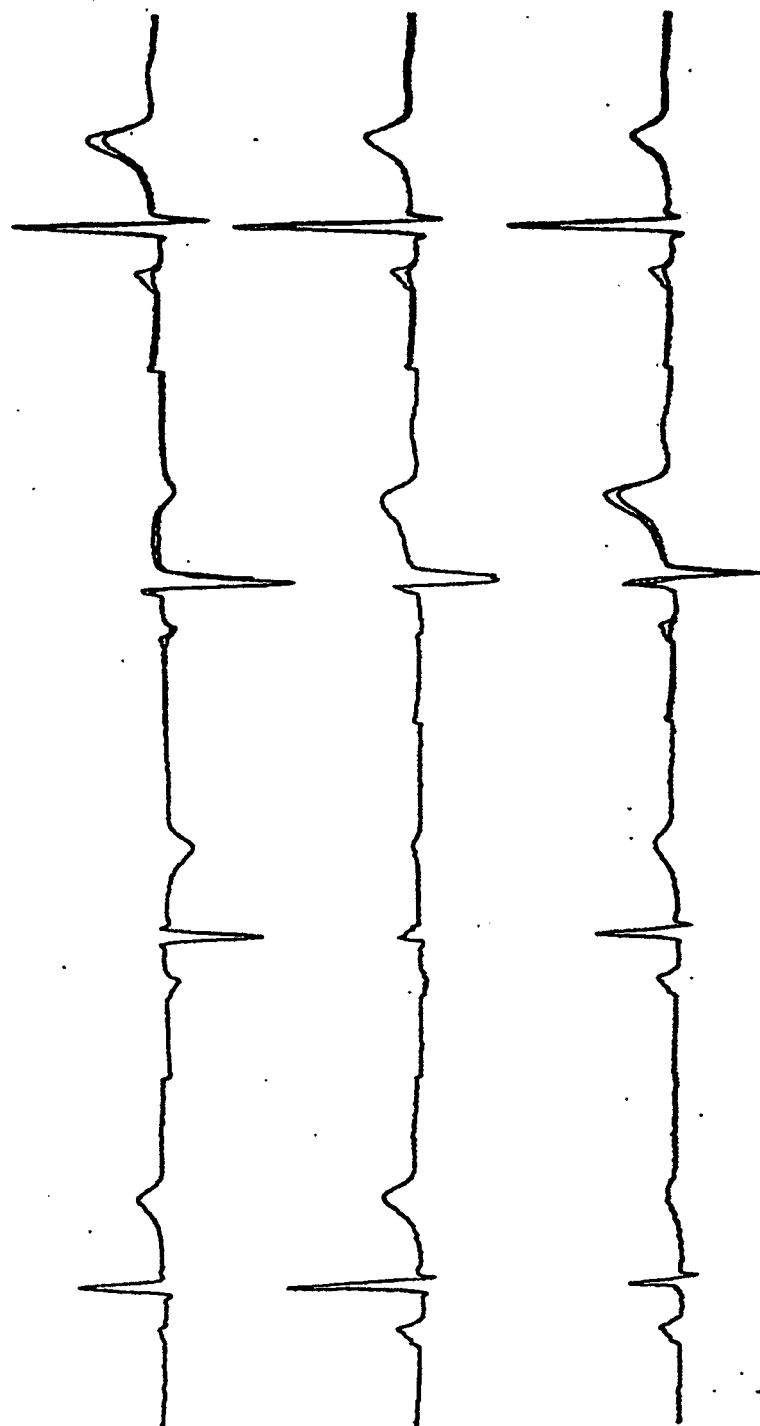


Fig. 5

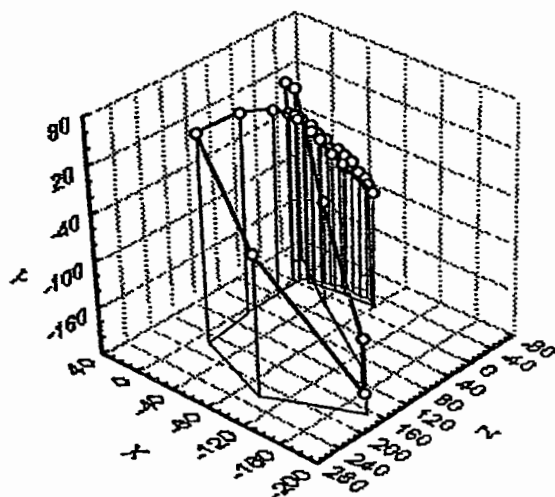


Fig. 6

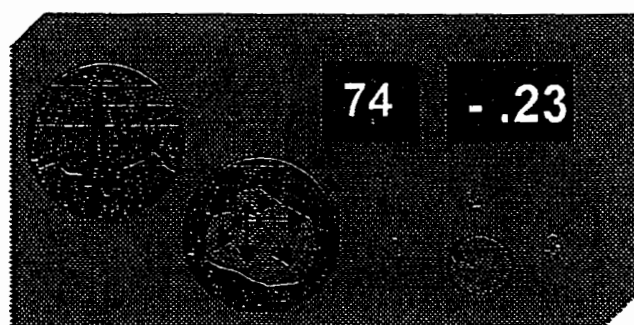


Fig. 7

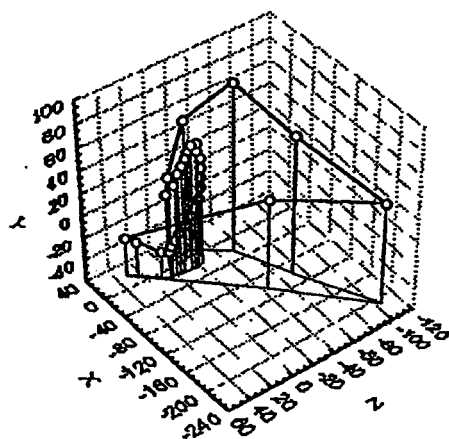


Fig. 8

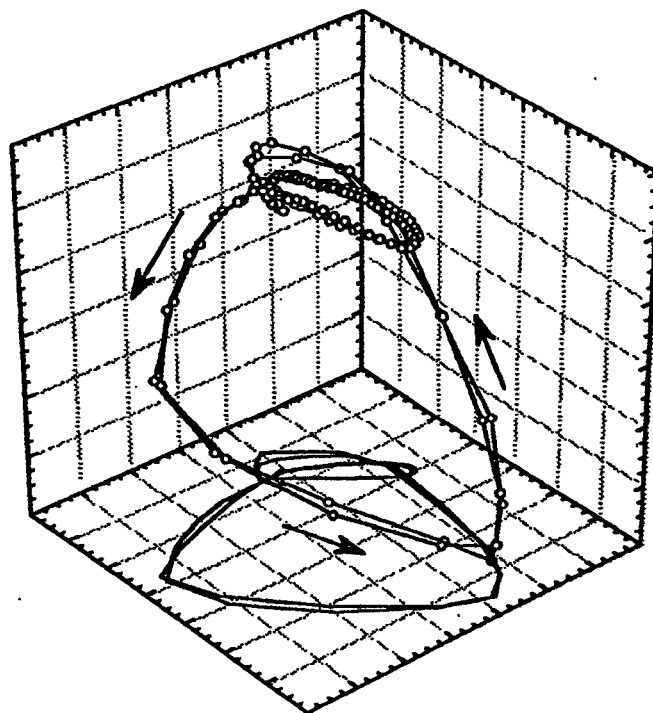
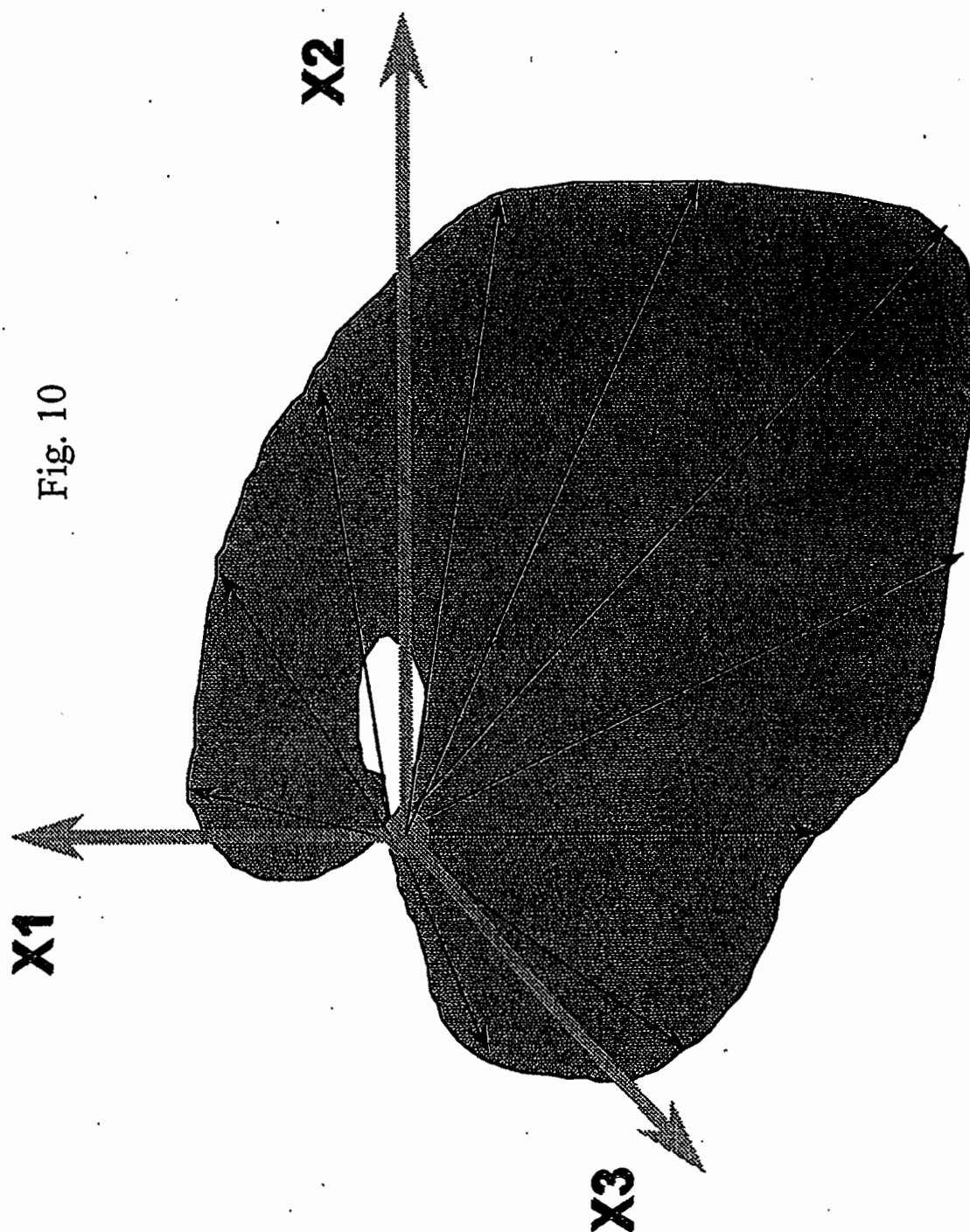


Fig. 9



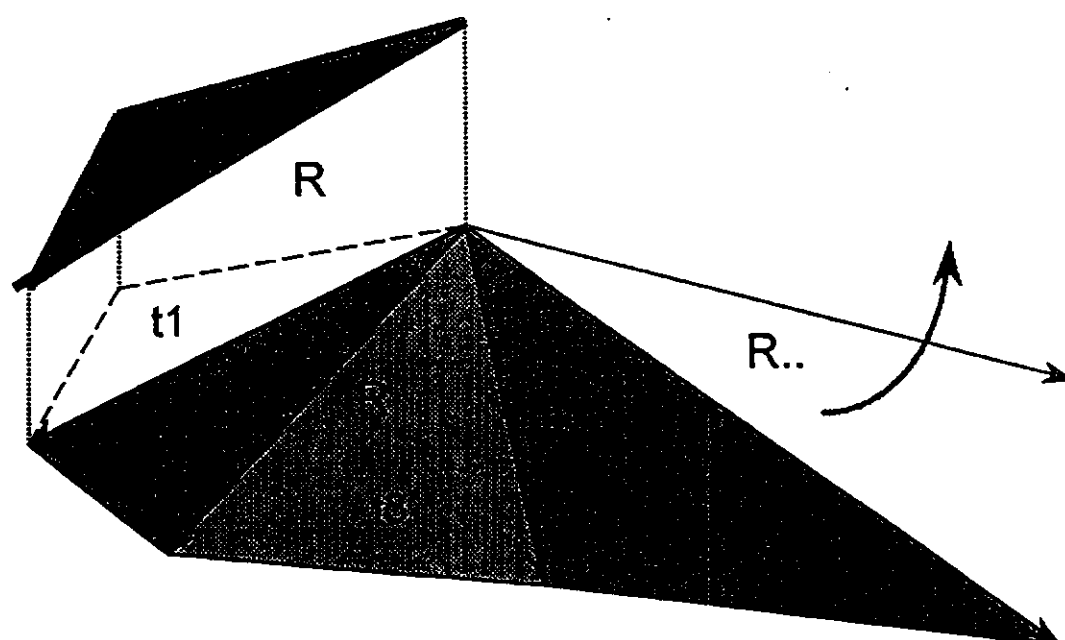


Fig. 11

3D Cardiac Vector Loop Trace

Case #7: Normal Male

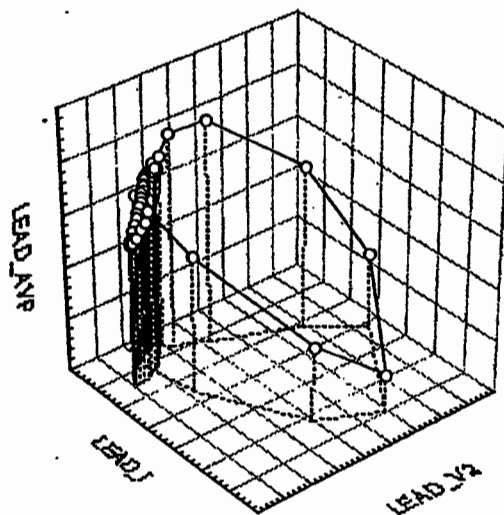


Fig. 12

3D Cardiac Vector Plot CASE #35

Acute MI Male

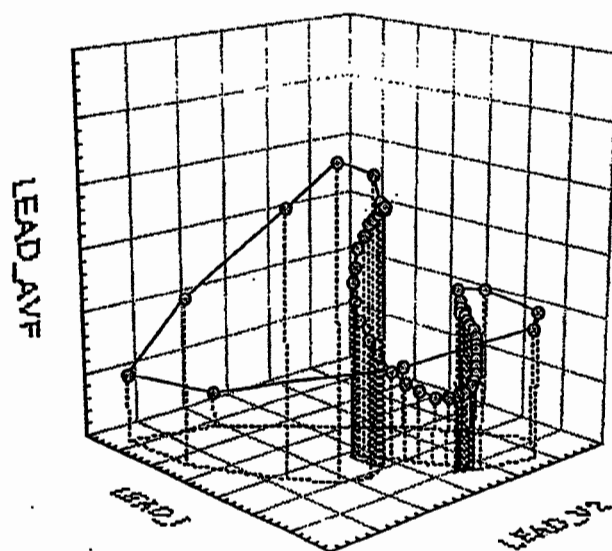


Fig. 13

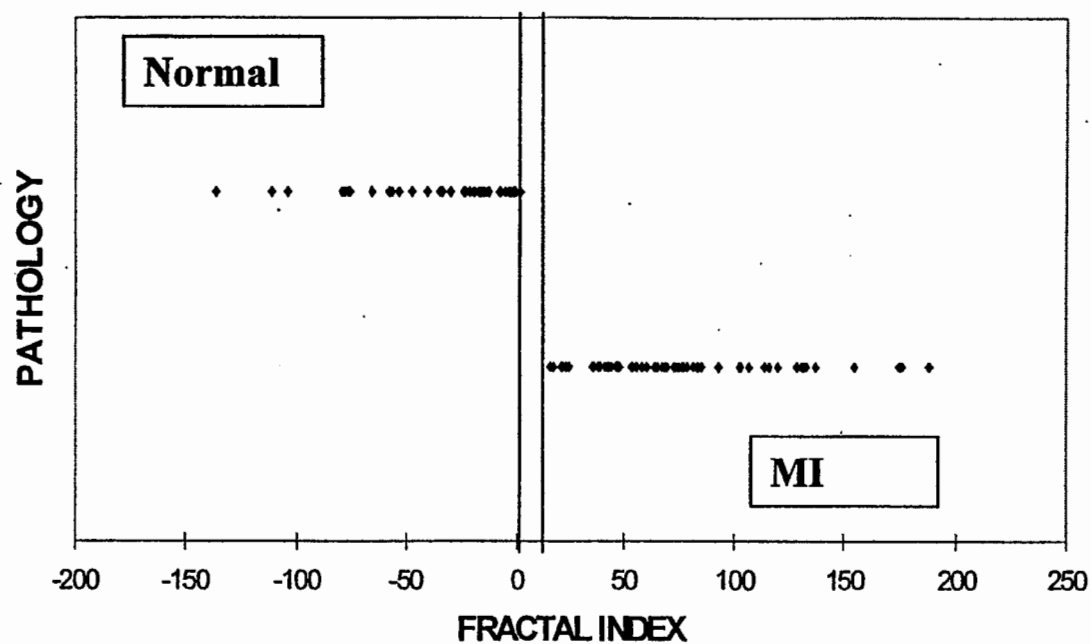


Fig. 14

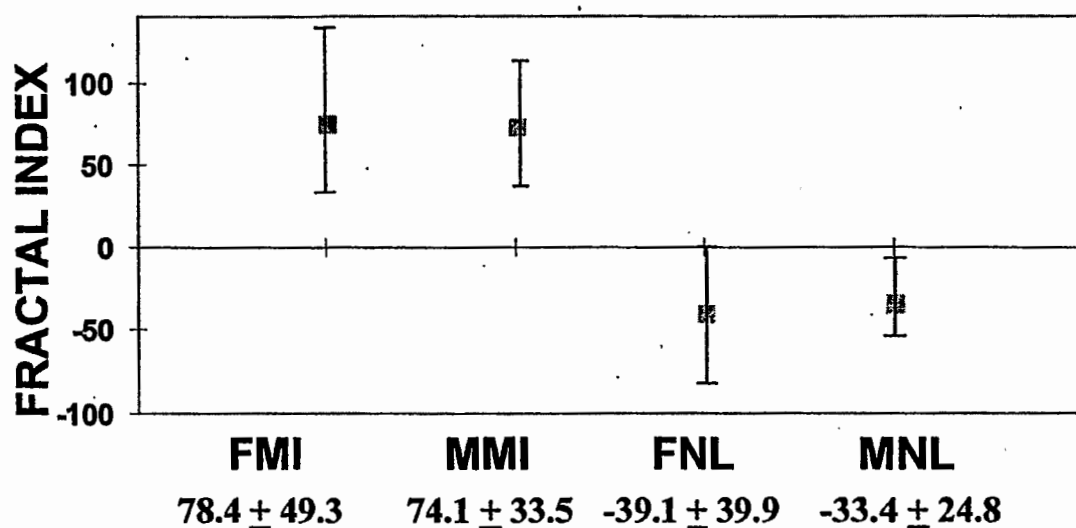


Fig. 15

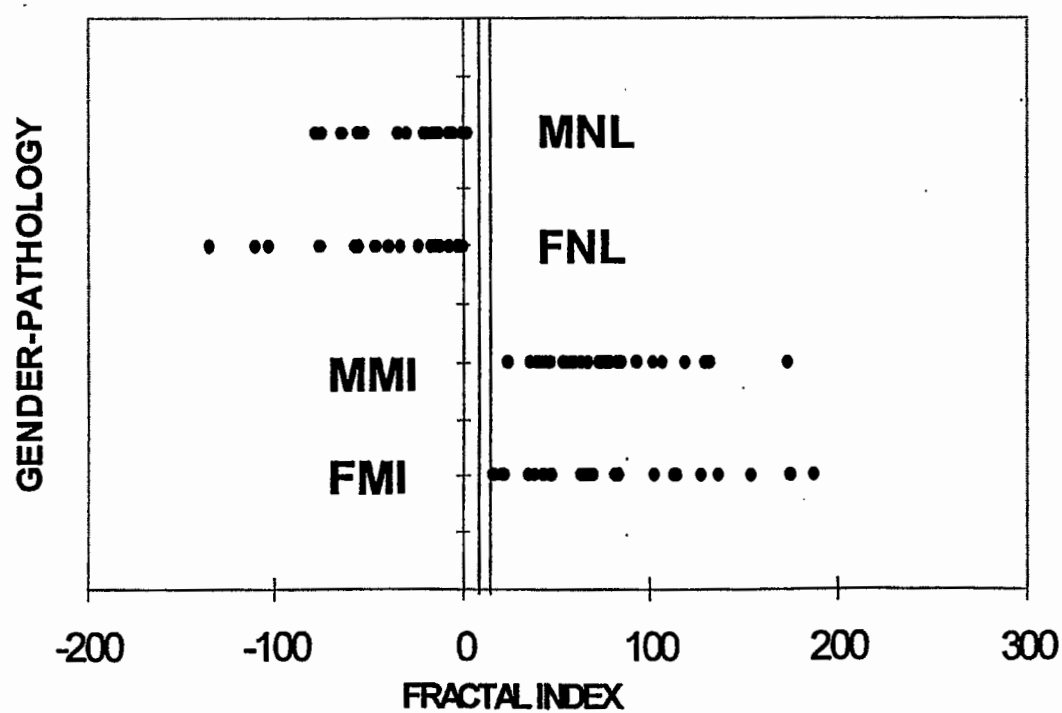


Fig. 16

IM12FDK22.XLS

	I	II	III	aVR	aVL	aVF	V1	V2	V3	V4	V5	V6	RAY D	ARC L	IF/THEN DD	PERIM LSUM	FRAC D FD	X	-Y
ST																			
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
2	-3	-3	0	2.61	-1.3	-1.3	8	5	2	0	-1	-3	11.45505	11.45505	11.45505	11.45505	2	0	0
3	-3	-1	2	1.74	-2.2	0.44	19	20	11	4	-1	-3	30.49504	21.34342	30.49504	32.79846	3	1.070987	0
4	-3	3	6	0	-3.9	3.92	27	35	25	14	4	-2	53.66241	25.71314	53.66241	58.51161	4	1.066559	0
5	8	22	14	-13.1	-2.6	15.7	27	52	52	44	30	14	101.6629	60.87652	101.6629	119.3881	5	1.110937	0
6	28	52	24	-34.8	1.74	33.1	27	77	100	98	75	44	200.4845	104.7127	200.4845	224.1008	6	1.066269	0
7	64	92	28	-67.9	15.7	52.2	11	112	162	172	136	86	339.5645	144.399	339.5645	368.4998	7	1.043868	0
8	105	125	20	-100	37	63.1	-15	140	221	245	197	128	475.6991	142.1189	475.6991	510.6187	8	1.035267	0
9	142	152	10	-128	57.4	70.5	-54	140	250	294	243	164	570.4243	107.7996	570.4243	618.4183	9	1.03817	0
10	162	171	9	-145	66.6	78.3	-106	99	239	308	264	186	603.6749	82.59279	603.6749	701.0111	10	1.069429	0
11	151	164	13	-137	60	77	-154	17	168	251	235	176	528.7766	136.2005	603.6749	837.2116	11	1.157926	0
12	121	123	2	-106	51.8	54.4	-185	-84	46	130	146	134	382.4199	233.6832	603.6749	1070.895	12	1.299846	0
13	88	64	-24	-66.1	48.7	17.4	-179	-144	-64	13	61	86	296.0123	217.205	603.6749	1288.1	13	1.419403	0
14	46	20	-26	-28.7	31.3	-2.6	-148	-168	-142	-74	-1	44	287.5918	163.1094	603.6749	1451.209	14	1.497813	0
15	25	5	-20	-13.1	19.6	-6.5	-107	-136	-127	-76	-17	27	233.4825	67.67206	603.6749	1518.881	15	1.516812	0
16	17	2	-15	-8.27	13.9	-5.7	-70	-84	-78	-47	-13	18	146.813	86.98064	603.6749	1605.862	16	1.545299	0
17	17	4	-13	-9.14	13.1	-3.9	-45	-48	-43	-24	-2	16	88.07428	61.74578	603.6749	1667.608	17	1.559192	0
18	18	15	-3	-14.4	9.14	5.22	-27	-22	-18	-4	10	20	54.1088	50.32916	603.6749	1717.937	18	1.566998	0
19	18	21	3	-17	6.53	10.4	-17	-10	-5	5	13	20	47.13152	24.81678	603.6749	1742.754	19	1.562656	0
20	15	21	6	-15.7	3.92	11.7	-8	1	3	12	16	18	43.57187	18.87374	603.6749	1761.627	20	1.556407	0
21	13	17	4	-13.1	3.92	9.14	-1	8	8	12	14	14	37.52436	13.43965	603.6749	1775.067	21	1.548615	0
22	11	14	3	-10.9	3.48	7.4	1	12	8	12	13	11	33.97149	7.207458	603.6749	1782.275	22	1.539032	0
23	10	13	3	-10	3.05	6.96	3	12	8	10	10	9	30.55836	4.912774	603.6749	1787.187	23	1.529411	0
24	8	12	4	-8.7	1.74	6.96	4	14	9	10	10	9	30.41643	3.925054	603.6749	1791.112	24	1.520238	0
25	8	12	4	-8.7	1.74	6.96	6	16	11	11	10	9	32.65209	3.605551	603.6749	1794.718	25	1.5117	0
26	9	12	3	-9.14	2.61	6.53	8	18	13	12	11	9	35.63476	4.139487	603.6749	1798.857	26	1.504043	0
27	9	10	1	-8.27	3.48	4.79	8	19	13	13	11	9	35.35982	3.813319	603.6749	1802.671	27	1.49685	0
28	8	10	2	-7.83	2.61	5.22	9	20	14	13	11	8	35.97735	2.671208	603.6749	1805.342	28	1.489763	0
29	8	10	2	-7.83	2.61	5.22	9	20	15	13	11	8	36.37814	1	603.6749	1806.342	29	1.482559	0
30	8	11	3	-8.27	2.18	6.09	10	22	16	13	12	8	39.00165	3.183606	603.6749	1809.526	30	1.47659	0
31	8	11	3	-8.27	2.18	6.09	11	23	16	14	12	9	40.38724	2	603.6749	1811.526	31	1.470596	0
32	8	11	3	-8.27	2.18	6.09	11	24	17	14	12	9	41.36579	1.414214	603.6749	1812.94	32	1.464767	0
33	8	12	4	-8.7	1.74	6.96	11	26	18	16	13	10	44.68959	3.759701	603.6749	1816.699	33	1.460062	0
34	8	12	4	-8.7	1.74	6.96	12	26	19	16	13	10	45.35592	1.414214	603.6749	1818.114	34	1.454864	0
35	8	12	4	-8.7	1.74	6.96	13	27	20	17	13	10	46.98041	2	603.6749	1820.114	35	1.450139	0
36	8	12	4	-8.7	1.74	6.96	13	27	20	17	13	10	46.98041	0	603.6749	1820.114	36	1.445025	0
37	8	13	5	-9.14	1.31	7.83	13	27	20	17	15	11	48.34729	2.852253	603.6749	1822.966	37	1.441062	0
38	9	13	4	-9.57	2.18	7.4	14	28	22	19	15	11	50.8724	3.624272	603.6749	1826.59	38	1.437545	0
39	9	14	5	-10	1.74	8.27	14	29	23	19	15	11	52.40647	2.266131	603.6749	1828.856	39	1.433794	0
40	9	15	6	-10.4	1.31	9.14	14	29	24	19	15	12	53.65766	2.266131	603.6749	1831.122	40	1.430225	0
41	9	15	6	-10.4	1.31	9.14	14	31	26	20	15	12	56.01915	3	603.6749	1834.122	41	1.427042	0
42	10	16	6	-11.3	1.74	9.57	15	31	26	22	16	12	57.97007	3.022474	603.6749	1837.145	42	1.424017	0
43	10	16	6	-11.3	1.74	9.57	15	32	28	23	16	12	59.80409	2.44949	603.6749	1839.594	43	1.420964	0
44	10	16	6	-11.3	1.74	9.57	14	33	29	23	17	12	60.84841	2	603.6749	1841.594	44	1.417916	0
45	10	18	8	-12.2	0.87	11.3	14	33	30	23	17	13	62.74572	3.813319	603.6749	1845.408	45	1.415515	0
46	10	19	9	-12.6	0.44	12.2	15	33	30	24	19	13	64.57306	3.022474	603.6749	1848.43	46	1.412999	0

Fig. 17