Appendices

APPENDIX 1

AVINASHILINGAM INTSTITUTE FOR HOME SCIENCE AND HIGHER EDUCATION FOR WOMEN, DEEMED UNIVERSITY, COIMBATORE-641043

INTERVIEW SCHEDULE TO ASSESS SOCIO ECONOMIC BACKGROUND STATUS AND DIETARY INTAKE

Name of the Interviewer : S.Haripriya

Name of the Interviewee :

Address :

Age in years :

Sex :

Religion :

☐ Hindu ☐ Muslim ☐ Christian ☐ Others

Marital Status :

☐ Unmarried ☐ Married ☐ Divorced ☐ Widow

Education :

☐ Illiterate ☐ Primary School ☐ High School

☐ Higher Secondary ☐ Graduate

Occupation :

☐ Labourer ☐ Office- going ☐ House wife

☐ Business ☐ self- employed ☐ others

Type of family : Joint /Nuclear/Extended

Economic status :

Source of income :

☐ Salaried ☐ Pension ☐ Investment

☐ Agriculture ☐ Others

Monthly Income (Rs.) of the subject :

☐ <1000 ☐ 1000-2000 ☐ 2000-3000 ☐ 3000-4000

☐ >4000

Dietary Pattern:

Type of meal taken :

☐ Vegetarian ☐ Ovo- vegetarian ☐ Non – vegetarian ☐ Pisco vegetarian

Frequency of consumption :

☐ Daily ☐ Weekly ☐ Fortnightly ☐ Monthly

No of meals consumed per day :

☐ One ☐ two ☐ three ☐ others

Do you avoid any foods? :

☐ Yes ☐ No

If yes, indicate the reasons

☐ Allergy ☐ Flatulence ☐ Indigestion ☐ Chewing ☐ Others

Mention the food avoided:

Meal pattern for 3 days :

Meal Pattern	Day 1	Day 2	Day 3
Early morning			
Breakfast			
Mid morning			
Lunch			
Tea			
Dinner			
Bed time			

Do you suffer from any of the following?

Anaemia	Hypertension
Cardiovascular disease	Osteoarthritis
Dementia	Osteoporosis
Diabetes mellitus	Rheumatoid arthritis
Hyperlipidemia	Others

APPENDIX II
INDIVIDUAL BIOCHEMICAL INITIAL AND FINAL VALUES OF THE DIABETIC SUBJECTS

GROUP DA

	Fasting glucose (mg/dl)		Post prandial glucose (mg/dl)		Glycosylated haemoglobin (%)		Superoxide dismutase (U/gm Hb)		Malondialdehyde (µM/l)		Glutathione peroxidase (U/gm Hb)	
	Initial	A6M	Initial	A6M	Initial	A6M	Initial	A6M	Initial	A6M	Initial	A6M
1.	120	100	165	123	8.6	6.3	3325	3512	4.43	4.01	25.13	54.23
2.	123	100	166	124	8.5	6.4	3326	3455	4.54	4.02	25.34	54.22
3.	124	102	168	120	8.4	6.8	3324	3565	4.43	4.98	25.43	54.67
4.	121	101	164	124	8.4	6.6	3356	3544	4.35	4.02	25.32	54.66
5.	124	103	169	125	8.5	6.3	3342	3567	4.12	4.01	25.12	54.23
6.	123	102	160	128	8.6	6.3	3385	3578	4.36	4.01	25.34	54.22
7.	123	101	163	120	8.4	6.1	3325	3523	4.53	4.03	25.43	56.34
8.	120	101	160	124	8.2	6.4	3365	3544	4.43	4.01	25.12	54.23
9.	125	100	161	128	8.3	6.7	3344	3599	4.31	4.02	25.65	54.22
10.	129	101	166	124	8.1	6.3	3321	3567	4.34	4.01	25.54	54.12
11.	120	102	164	122	8.8	6.3	3352	3588	4.34	4.01	25.76	54/34
12.	121	102	162	125	8.4	6.4	3312	3566	4.43	4.03	25.33	54.11
13.	125	101	169	127	8.4	6.2	3364	3588	4.45	4.03	25.43	54.34
14.	127	100	166	125	8.3	6.1	3321	3543	4.34	4.01	25.12	54.33
15.	123	101	161	120	8.4	6	3365	3476	4.44	4.04	25.43	53.45

GROUP DB

	Fasting glucose (mg/dl)		Post prandial glucose (mg/dl)		Glycosylated haemoglobin (%)		Superoxide dismutase (U/gm Hb)		Malondialdehyde (μM/l)		Glutathione peroxidase (U/gm Hb)	
	Initial	**A6M**	**Initial**	**A6M**	**Initial**	**A6M**	**Initial**	**A6M**	**Initial**	**A6M**	**Initial**	**A6M**
1.	123	100	166	125	8.5	6.3	3345	3459	4.66	4.04	25.43	52.32
2.	122	101	162	126	8.6	6.4	3386	3465	4.86	4.08	25.32	50.43
3.	120	103	161	125	8.4	6.6	3347	3423	4.46	4.08	25.12	52.35
4.	121	101	166	124	8.3	6.7	3398	3467	4.66	4.02	25.34	52.33
5.	126	100	166	124	8.3	6.3	3345	3455	4.24	4.04	25.43	52.23
6.	122	100	168	126	8.2	6.5	3342	3478	4.44	4.02	25.12	52.12
7.	126	101	160	127	8.4	6.4	3311	398	4.64	4	25.65	52.23
8.	128	99	161	122	8.1	6.4	3363	3455	4.66	4.06	25.54	52.32
9.	121	100	165	126	8.3	6.3	3312	3444	4.86	4.02	25.76	52.54
10.	120	101	166	126	8.5	6.2	3345	3467	4.24	4.04	25.33	52.22
11.	125	102	167	122	8.3	6.6	3324	3487	4.66	4.04	25.12	52.23
12.	122	100	166	126	8.5	6.4	3365	3465	4.5	4.06	25.32	52.5
13.	128	103	163	128	8.6	6.4	3312	3476	4.66	4.08	25.34	52.55
14.	123	100	164	125	8.3	6.6	3312	3454	4.68	4.02	25.43	52.54
15.	125	101	168	120	8.3	6	3346	3466	4.86	4.02	25.32	52.32

GROUP DC

	Fasting glucose (mg/dl)		Post prandial glucose (mg/dl)		Glycosylated haemoglobin (%)		Superoxide dismutase (U/gm Hb)		Malondialdehyde (µM/l)		Glutathione peroxidase (U/gm Hb)	
	Initial	**A6M**	**Initial**	**A6M**	**Initial**	**A6M**	**Initial**	**A6M**	**Initial**	**A6M**	**Initial**	**A6M**
1.	126	100	163	124	8.4	6.5	3352	3504	4.68	3.98	25.12	56.54
2.	123	101	162	120	8.3	6.4	3342	3549	4.64	3.96	25.65	45.54
3.	124	100	160	124	8.2	6.3	3356	3539	4.66	3.99	25.54	56.55
4.	122	101	161	128	8.1	6.5	3321	3544	4.64	3.94	25.76	55.54
5.	121	102	166	120	8.5	6.3	3342	3549	4.24	3.99	25.33	56.23
6.	120	100	163	123	8.4	6.5	3321	3544	4.88	3.98	25.12	55.54
7.	126	101	165	122	8.4	6.3	336	3564	4.64	3.99	25.32	56.55
8.	122	100	167	125	8.7	6.4	3312	3533	4.84	3.98	25.34	56.43
9.	128	101	160	127	8.9	6.5	3324	3554	4.64	3.98	25.34	56.23
10.	127	102	166	123	8.6	6.4	3346	3544	4.42	3.97	25.43	56.54
11.	124	100	161	122	8.4	6.3	3352	3565	4.62	3.96	25.32	56.66
12.	127	104	163	126	8.3	6.5	3321	3533	4.68	3.95	25.12	56
13.	121	106	165	128	8.2	6.6	3356	3544	4.66	3.98	25.34	54
14.	121	103	166	121	8.4	6.4	3396	3553	4.62	3.95	25.43	55
15.	120	100	163	120	8.2	6.3	3124	3554	4.44	3.96	25.12	54

GROUP DD

	Fasting glucose (mg/dl)		Post prandial glucose (mg/dl)		Glycosylated haemoglobin (%)		Superoxide dismutase (U/gm Hb)		Malondialdehyde (µM/l)		Glutathione peroxidase (U/gm Hb)	
	Initial	**A6M**	**Initial**	**A6M**	**Initial**	**A6M**	**Initial**	**A6M**	**Initial**	**A6M**	**Initial**	**A6M**
1.	127	100	161	119	8.3	5.8	3345	3589	4.88	3.76	25.32	55.34
2.	124	103	161	118	8.8	5.4	3352	3586	5.08	3.87	25.12	54.34
3.	122	102	165	114	8.4	5.4	3312	3577	4.86	3.89	25.34	53.23
4.	126	101	163	116	8.3	5.9	3363	3533	5.12	3.77	25.43	53.23
5.	126	102	166	115	8.2	5.6	3352	3589	4.86	3.79	25.12	53.23
6.	123	101	167	117	8.1	5.5	3312	3542	4.66	3.88	25.65	54.22
7.	122	100	164	114	8.8	5.4	3345	3533	5.08	3.98	25.54	54.23
8.	127	102	163	115	8.4	5.3	3396	3566	4.86	3.78	25.76	54.54
9.	125	100	160	116	8.3	5.4	3385	3563	4.46	3.79	25.33	54.23
10.	121	99	165	118	8.4	5.3	3323	3565	4.88	3.99	25.33	54.21
11.	120	98	166	115	8.7	5.4	3312	3545	5.08	3.77	25.12	54.12
12.	125	100	162	114	8.9	5.5	3378	3575	4.86	3.88	25.32	54.23
13.	122	101	165	112	8	5.6	3365	3565	4.62	3.89	25.34	54.54
14.	126	100	163	114	8.1	5.5	3366	3575	4.88	3.99	25.34	54.23
15.	121	99	164	115	8.2	5.4	3345	3563	4.68	3.89	25.43	54.33

GROUP DE

	Fasting glucose (mg/dl)		Post prandial glucose (mg/dl)		Glycosylated haemoglobin (%)		Superoxide dismutase (U/gm Hb)		Malondialdehyde (µM/l)		Glutathione peroxidase (U/gm Hb)	
	Initial	A6M	Initial	A6M	Initial	A6M	Initial	A6M	Initial	A6M	Initial	A6M
1.	125	99	165	113	8.4	5.4	3125	3586	5.08	3.32	25.32	44.65
2.	123	100	167	115	8.3	5.5	3268	3587	4.88	3.33	25.12	44.33
3.	124	98	168	116	8.2	5.3	3299	3588	5.08	3.23	25.34	45.32
4.	122	95	166	113	8.5	5.3	3287	3586	4.44	3.43	25.76	43.56
5.	126	98	167	112	8.4	5.5	3266	3566	4.64	3.24	25.33	44.32
6.	128	100	168	114	8.5	5.2	3233	3555	4.86	3.44	25.12	43.34
7.	125	□8	160	115	8.3	5.4	3365	3577	4.66	3.24	25.32	45.43
8.	122	99	165	114	8.3	5.2	3345	3586	4.86	3.44	25.34	45.23
9.	126	100	167	116	8.4	5.4	3366	3575	4.88	3.32	25.34	44.34
10.	129	101	166	114	8.4	5.3	3456	3586	4.68	3.43	25.43	43.98
11.	122	100	164	115	8.3	5.2	3221	3565	4.66	3.34	25.32	45.54
12.	121	99	165	117	8.4	5.5	3225	3577	5.08	3.22	25.12	45.54
13.	127	98	166	114	8.6	5.4	3665	3578	4.66	3.24	25.34	45.43
14.	123	98	165	113	8.3	5.2	3256	3575	4.7	3.23	25.43	44.55
15.	120	100	166	112	8.8	5.3	3656	3555	4.66	3.22	25.12	45.44

GROUP DF

	Fasting glucose (mg/dl)		Post prandial glucose (mg/dl)		Glycosylated haemoglobin (%)		Superoxide dismutase (U/gm Hb)		Malondialdehyde (µM/l)		Glutathione peroxidase (U/gm Hb)	
	Initial	A6M	Initial	A6M	Initial	A6M	Initial	A6M	Initial	A6M	Initial	A6M
1.	120	100	169	112	8.5	5.3	3345	3489	5.12	3.52	25.34	53.43
2.	120	99	167	114	8.6	5.2	3521	3486	5.06	3.45	25.76	53.23
3.	121	100	167	112	8.3	5.1	3263	3476	4.86	3.47	25.33	53.54
4.	125	100	169	111	8.5	5.4	3125	3486	4.68	3.44	25.12	53.44
5.	122	101	164	115	8.8	5.3	3522	3488	4.86	3.57	25.32	53.54
6.	126	101	165	113	8.2	5.5	3623	3466	4.66	4.54	25.34	53.45
7.	128	103	167	112	8.5	5.3	3552	3477	5.08	3.44	25.34	53.55
8.	123	100	165	113	8.5	5.2	3442	3465	4.88	3.54	25.34	53.23
9.	122	99	166	111	8.6	5.1	3545	3475	4.68	3.55	25.43	53.12
10.	126	98	165	116	8.3	5.1	3152	3486	4.86	3.58	25.12	53.22
11.	122	99	163	113	8.5	5.4	3215	3487	4.66	3.59	25.65	53.54
12.	127	100	165	114	8.3	5.3	3656	3488	4.86	3.45	25.54	53.44
13.	125	101	166	112	8.6	5.2	3245	3498	4.88	3.56	25.76	53.55
14.	123	100	165	116	8.2	5.3	3215	3477	4.66	3.55	25.33	53.23
15.	122	100	166	112	8.3	5.2	3211	3486	4.86	3.54	25.33	53.54

GROUP DG

	Fasting glucose (mg/dl)		Post prandial glucose (mg/dl)		Glycosylated haemoglobin (%)		Superoxide dismutase (U/gm Hb)		Malondialdehyde (µM/l)		Glutathione peroxidase (U/gm Hb)	
	Initial	**A6M**	**Initial**	**A6M**	**Initial**	**A6M**	**Initial**	**A6M**	**Initial**	**A6M**	**Initial**	**A6M**
1.	121	125	167	166	8.4	8.5	3562	3352	4.88	4.44	25.32	25.43
2.	123	123	167	162	8.6	8.4	3565	3312	5.08	4.34	25.12	25.32
3.	126	124	165	161	8.3	8.3	3452	3125	4.86	4.43	25.34	25.12
4.	127	122	164	166	8.2	8.2	3232	3522	5.12	4.33	25.76	25.34
5.	123	126	166	166	8.1	8.4	3152	3263	4.86	4.43	25.33	25.43
6.	128	128	163	168	8.5	8.3	3988	3125	4.66	4.44	25.12	25.12
7.	125	125	163	160	8.5	8.4	3522	3522	5.08	4.33	25.32	25.65
8.	128	122	160	161	8.2	8.1	3144	3623	4.86	4.43	25.34	25.54
9.	129	126	161	165	8.4	8.3	3264	3552	4.46	4.43	25.34	25.76
10.	122	129	160	166	8.1	8.5	3266	3442	4.88	4.54	25.43	25.33
11.	126	122	161	167	8.4	8.3	3285	3345	5.08	4.43	25.32	25.12
12.	123	121	163	166	8.4	8.5	3245	3342	4.86	4.35	25.12	25.32
13.	126	127	163	163	8.5	8.6	3222	3311	4.62	4.12	25.34	25.34
14.	123	123	162	164	8.9	8.3	3246	3363	4.88	4.36	25.43	25.34
15.	122	120	161	168	8.3	8.3	3265	3552	4.68	4.53	25.12	25.43

GROUP DA

	Glutathione reduced (µM/l)		Vitamin C (mg/dl)		Vitamin E (mg/dl)		Zinc (µg/l)		Selenium (µg/l)		Copper (µg/l)	
	Initial	**A6M**	**Initial**	**A6M**	**Initial**	**A6M**	**Initial**	**A6M**	**Initial**	**A6M**	**Initial**	**A6M**
1.	41.23	51.24	0.95	1.18	0.88	1.65	556	601	122	135	956	933
2.	41.34	51.43	1	1.19	0.92	1.66	554	610	119	134	961	936
3.	41.22	51.23	1.01	1.17	0.93	1.68	567	620	118	130	951	926
4.	41.32	51.33	0.95	1.13	0.95	1.67	545	613	119	129	949	924
5.	41.23	51.44	0.96	1.18	0.92	1.64	556	634	121	125	949	924
6.	40.34	51.65	0.94	1.19	0.95	1.63	554	604	119	123	935	910
7.	41.23	51.34	0.99	1.13	0.94	1.64	556	606	117	120	934	909
8.	41.33	51.34	0.98	1.14	0.65	1.65	557	610	119	130	956	931
9.	41.23	51.33	0.99	1.12	0.96	1.62	554	612	118	130	950	925
10.	41.54	51.24	0.99	1.17	0.98	1.63	553	609	118	134	955	930
11.	41.33	51.23	0.95	1.16	0.95	1.61	554	605	119	134	965	940
12.	41.25	51.23	0.99	1.17	0.97	1.64	534	606	118	121	960	935
13.	41.34	51.34	0.95	1.17	0.96	1.62	556	604	119	131	956	931
14.	41.55	51.33	0.95	1.18	0.93	1.65	544	604	122	133	960	935
15.	41.22	51.23	0.99	1.18	0.94	1.62	575	605	119	131	965	940

GROUP DB

	Glutathione reduced (µM/l)		Vitamin C (mg/dl)		Vitamin E (mg/dl)		Zinc (µg/l)		Selenium (µg/l)		Copper (µg/l)	
	Initial	**A6M**	**Initial**	**A6M**	**Initial**	**A6M**	**Initial**	**A6M**	**Initial**	**A6M**	**Initial**	**A6M**
1.	41.23	52.32	0.95	1.13	0.93	1.65	544	543	121	131	942	917
2.	41.34	55.43	0.92	1.18	0.95	1.58	545	556	119	130	944	919
3.	41.22	52.52	0.94	1.19	0.92	1.62	556	567	132	131	934	909
4.	41.32	55.54	0.95	1.13	0.95	1.63	554	576	110	131	932	907
5.	41.23	53.32	0.97	1.14	0.94	1.65	556	587	121	130	934	909
6.	40.34	53.43	0.96	1.12	0.65	1.62	557	566	119	139	932	907
7.	41.23	54.43	0.94	1.17	0.96	1.65	554	578	121	139	934	909
8.	41.33	52.43	0.99	1.16	0.98	1.65	553	577	122	132	932	907
9.	41.23	53.43	0.98	1.17	0.95	1.62	554	579	119	139	954	929
10.	41.54	53.41	0.93	1.17	0.97	1.63	534	576	118	133	934	909
11.	41.33	53.43	0.95	1.13	0.92	1.61	553	566	119	139	954	929
12.	41.25	53.43	0.99	1.17	0.93	1.64	554	567	119	133	958	933
13.	41.34	53.41	0.99	1.13	0.91	1.65	556	587	121	134	965	940
14.	41.55	52.43	0.98	1.13	0.94	1.64	554	588	119	139	955	930
15.	41.22	52.51	0.99	1.17	0.92	1.35	552	565	140	138	945	920

GROUP DC

	Glutathione reduced (µM/l)		Vitamin C (mg/dl)		Vitamin E (mg/dl)		Zinc (µg/l)		Selenium (µg/l)		Copper (µg/l)	
	Initial	A6M	Initial	A6M	Initial	A6M	Initial	A6M	Initial	A6M	Initial	A6M
1.	41.23	54.34	0.99	1.13	0.95	1.63	556	564	109	132	928	903
2.	41.34	53.34	0.95	1.1	0.92	1.66	554	545	110	132	956	931
3.	41.22	53.23	1	1.12	0.93	1.63	556	565	121	134	944	919
4.	41.32	53.67	1.01	1.13	0.95	1.65	557	534	119	133	932	907
5.	41.23	53.22	0.95	1.15	0.98	1.65	554	534	121	132	934	909
6.	40.34	53.12	0.96	1.14	0.96	1.65	553	565	122	133	932	907
7.	41.23	53.45	0.94	1.12	0.97	1.65	554	534	119	135	954	929
8.	41.33	53.66	0.99	1.17	0.95	1.65	534	523	118	134	934	909
9.	41.23	53.12	0.98	1.16	0.99	1.65	553	543	119	131	954	929
10.	41.54	53.45	0.96	1.11	0.94	1.65	554	554	99	133	958	933
11.	41.33	53.65	0.94	1.13	0.96	1.65	556	534	118	135	965	940
12.	41.25	54.12	0.99	1.17	0.95	1.62	554	521	119	136	955	930
13.	41.34	54.14	0.98	1.17	0.98	1.65	556	523	121	142	945	920
14.	41.55	53.98	0.93	1.16	0.93	1.66	557	556	119	133	956	931
15.	41.22	54.04	0.95	1.17	0.92	1.64	554	523	117	137	934	909

GROUP DD

	Glutathione reduced (µM/l)		Vitamin C (mg/dl)		Vitamin E (mg/dl)		Zinc (µg/l)		Selenium (µg/l)		Copper (µg/l)	
	Initial	**A6M**	**Initial**	**A6M**	**Initial**	**A6M**	**Initial**	**A6M**	**Initial**	**A6M**	**Initial**	**A6M**
1.	46.54	59.56	0.97	1.17	0.94	1.65	553	545	121	132	951	926
2.	45.54	58.88	0.96	1.13	0.65	1.62	554	564	119	134	949	924
3.	46.55	59.54	0.94	1.18	0.96	1.65	534	586	121	132	949	924
4.	45.54	59.55	0.99	1.19	0.98	1.65	553	546	122	144	935	910
5.	46.23	59.56	0.98	1.13	0.95	1.62	554	566	119	134	934	909
6.	45.54	59.45	0.93	1.14	0.97	1.63	556	534	118	137	956	931
7.	46.55	59.66	0.95	1.12	0.92	1.61	555	587	119	135	950	925
8.	46.43	59.65	0.99	1.17	0.93	1.62	534	598	99	136	955	930
9.	46.23	59.77	0.99	1.16	0.88	1.63	553	576	118	137	965	940
10.	46.54	59.45	0.98	1.14	0.92	1.64	554	546	119	137	960	935
11.	46.66	59.77	0.95	1.12	0.93	1.63	556	576	121	135	944	919
12.	46	59.44	0.96	1.17	0.95	1.64	554	566	119	136	932	907
13.	44	59.66	0.94	1.16	0.92	1.65	556	544	121	133	934	909
14.	45	59.34	0.99	1.11	0.95	1.62	557	566	122	137	932	907
15.	44	57.67	0.98	1.13	0.94	1.63	543	576	119	137	954	929

GROUP DE

	Glutahione rduced (µM/l)		Vitamin C (mg/dl)		Vitamin E (mg/dl)		Zinc (µg/l)		Selenium (µg/l)		Copper (µg/l)	
	Initial	A6M	Initial	A6M	Initial	A6M	Initial	A6M	Initial	A6M	Initial	A6M
1.	43.43	51.24	0.94	1.15	0.96	1.65	544	564	118	133	956	931
2.	43.23	51.23	0.99	1.14	0.97	1.65	556	556	119	135	945	920
3.	43.54	51.23	0.98	1.12	0.95	1.65	543	576	99	134	965	940
4.	43.44	51.34	0.93	1.17	0.99	1.62	523	546	118	136	945	920
5.	43.54	51.33	0.95	1.16	0.94	1.63	543	564	119	125	944	919
6.	43.45	53.22	0.99	1.11	0.96	1.61	565	586	121	133	932	907
7.	43.55	53.12	0.99	1.13	0.95	1.62	555	546	120	137	934	909
8.	43.23	53.45	0.98	1.17	0.98	1.63	564	566	99	138	932	907
9.	43.12	53.67	1.29	1.17	0.95	1.64	576	534	118	138	954	929
10.	43.22	53.22	1.26	1.16	0.97	1.63	564	587	119	136	934	909
11.	43.54	53.12	1.28	1.13	0.92	1.65	554	598	121	133	954	929
12.	43.44	53.45	0.95	1.14	0.93	1.65	534	576	119	136	958	933
13.	43.55	53.66	1	1.12	0.88	1.62	567	545	121	135	965	940
14.	43.23	53.12	1.01	1.17	0.92	1.65	587	576	122	134	955	930
15.	43.54	53.45	0.95	1.16	0.95	1.62	566	545	108	133	943	918

GROUP DF

	Glutathione reduced (µM/l)		Vitamin C (mg/dl)		Vitamin E (mg/dl)		Zinc (µg/l)		Selenium (µg/l)		Copper (µg/l)	
	Initial	**A6M**	**Initial**	**A6M**	**Initial**	**A6M**	**Initial**	**A6M**	**Initial**	**A6M**	**Initial**	**A6M**
1.	43.43	53.23	0.96	1.12	0.98	1.63	534	564	109	135	944	919
2.	43.23	54.23	0.94	1.17	0.95	1.65	553	544	121	133	948	923
3.	43.54	51.23	0.99	1.16	0.97	1.65	556	565	108	137	955	930
4.	43.44	53.54	0.98	1.11	0.92	1.65	554	543	88	135	956	931
5.	43.54	52.12	0.96	1.13	0.93	1.65	553	564	108	132	965	940
6.	43.45	53.24	0.99	1.17	0.88	1.65	554	566	130	136	945	920
7.	43.55	51.23	0.98	1.17	0.92	1.65	556	543	120	135	944	919
8.	43.23	53.12	0.93	1.16	0.93	1.65	554	546	129	133	932	907
9.	43.12	53.23	0.95	1.47	0.95	1.63	552	567	141	137	934	909
10.	43.22	54.12	0.99	1.44	0.95	1.61	554	577	129	134	932	907
11.	43.54	53.23	0.99	1.46	0.98	1.62	553	586	119	133	954	929
12.	43.44	54.23	0.98	1.13	0.96	1.63	553	576	99	135	934	909
13.	43.55	53.23	1.29	1.18	0.97	1.64	554	566	132	133	954	929
14.	43.23	53.23	1.26	1.19	0.95	1.63	553	545	152	136	955	930
15.	43.54	54.54	0.99	1.13	0.99	1.65	555	564	131	133	956	931

GROUP DG

	Glutathione reduced (µM/l)		Vitamin C (mg/dl)		Vitamin E (mg/dl)		Zinc (µg/l)		Selenium (µg/l)		Copper (µg/l)	
	Initial	**A6M**	**Initial**	**A6M**	**Initial**	**A6M**	**Initial**	**A6M**	**Initial**	**A6M**	**Initial**	**A6M**
1.	43.43	46.44	1	0.98	0.99	0.94	557	556	118	118	945	945
2.	43.23	46.76	1.01	0.93	0.94	0.96	554	554	121	121	956	956
3.	43.54	46.75	0.99	0.95	0.96	0.95	553	555	119	120	958	958
4.	43.44	46.45	0.95	0.99	0.95	0.98	554	53	118	121	965	965
5.	43.54	46.54	1	0.99	0.98	0.93	556	542	119	118	955	955
6.	43.45	46.45	1.01	0.98	0.95	0.93	554	543	121	117	954	954
7.	43.55	46.55	0.95	1.29	0.97	0.95	552	544	119	115	958	958
8.	43.23	46.45	0.96	0.94	0.92	0.92	554	553	117	114	965	965
9.	43.12	46.55	0.94	0.99	0.95	0.95	553	554	119	115	955	955
10.	43.22	46.44	0.99	0.98	0.99	0.94	553	556	118	116	945	945
11.	43.54	46.34	0.98	0.93	0.94	0.65	554	556	118	117	956	956
12.	43.44	46.65	0.99	0.95	0.96	0.96	553	552	119	113	956	956
13.	43.55	46.44	0.99	0.99	0.95	0.98	554	534	118	116	945	945
14.	43.23	46.76	1	0.99	0.98	0.94	557	533	120	115	965	965
15.	43.54	46.75	1	0.99	0.93	0.95	554	556	121	116	945	945

INDIVIDUAL BIOCHEMICAL INITIAL AND FINAL VALUES FOR HYPERLIPIDEMIC SUBJECTS

Group HA

	Total Cholesterol (mg/dl)		Triglyceride (mg/dl)		LDL cholesterol (mg/dl)		HDL cholesterol (mg/dl)		VLDL cholesterol (mg/dl)		Apoenzyme A_1(mg/dl)		Apoenzyme B(mg/dl)	
	Initial	A6M	Initial	A6M	Initial	A6M	Initial	A6M	Initial	A6M	Initial	A6M	Initial	A6M
1.	212	178	190	158	145	100	36	45	37.09	31.05	103	131	122	106
2.	213	178	193	155	143	101	34	46	38.56	31.45	105	128	123	103
3.	213	179	189	157	141	103	35	45	38.54	31.54	104	127	122	102
4.	212	179	189	156	140	104	32	46	37.65	31.76	106	127	124	102
5.	213	179	185	155	143	102	34	43	38.55	31.54	103	129	125	104
6.	214	179	187	154	141	101	32	45	37	31.23	107	130	123	105
7.	213	179	189	158	142	100	34	47	38.3	31.23	105	126	122	101
8.	213	179	190	155	145	104	35	45	37	29.34	103	127	125	102
9.	214	178	191	154	140	102	36	46	37.55	31.65	104	128	122	103
10.	214	178	189	157	141	102	34	47	35.23	31	103	125	124	100
11.	213	179	188	154	143	101	32	48	37.45	31.12	106	126	123	101
12.	221	179	185	155	143	100	31	45	38	31	107	125	126	100
13.	213	178	189	155	143	103	34	46	37.87	31.23	108	127	122	102
14.	214	177	185	154	142	100	35	48	38.65	30.34	107	126	121	101
15.	215	179	189	153	140	101	36	46	38	30.45	105	126	125	101

GROUP HB

	Total Cholesterol (mg/dl)		Triglyceride (mg/dl)		LDL cholesterol (mg/dl)		HDL cholesterol (mg/dl)		VLDL cholesterol (mg/dl)		Apoenzyme A_1(mg/dl)		Apoenzyme B(mg/dl)	
	Initial	A6M	Initial	A6M	Initial	A6M	Initial	A6M	Initial	A6M	Initial	A6M	Initial	A6M
1.	215	170	185	143	143	100	34	39	37.54	29	105	124	110	101
2.	216	170	189	142	142	102	35	41	37.45	28	106	123	111	101
3.	215	170	187	141	143	102	37	39	37.66	29	107	122	110	102
4.	215	170	188	145	145	103	35	38	37.23	28	105	123	111	101
5.	215	170	185	144	145	100	34	39	37.12	29	104	124	112	103
6.	215	170	184	143	144	104	32	40	37	30	103	122	110	104
7.	214	170	183	141	142	105	31	41	37	29	106	121	111	101
8.	216	170	184	143	142	100	35	42	37	29	107	120	110	102
9.	216	170	188	142	141	101	36	43	37.33	28	108	123	111	101
10.	215	170	189	144	145	100	36	39	37.65	28	106	121	112	102
11.	214	171	185	143	143	103	37	39	37.12	28	105	121	110	101
12.	213	171	189	144	144	103	33	40	37.5	29	103	122	114	103
13.	214	171	186	141	142	100	34	38	37.33	28	104	122	116	102
14.	214	171	186	143	145	103	32	39	37	28	103	121	113	101
15.	214	171	184	142	143	105	32	39	37	28	105	124	110	102

GROUP HC

	Total Cholesterol (mg/dl)		Triglyceride (mg/dl)		LDL cholesterol (mg/dl)		HDL cholesterol (mg/dl)		VLDL cholesterol (mg/dl)		Apoenzyme A_1(mg/dl)		Apoenzyme B(mg/dl)	
	Initial	**A6M**	**Initial**	**A6M**	**Initial**	**A6M**	**Initial**	**A6M**	**Initial**	**A6M**	**Initial**	**A6M**	**Initial**	**A6M**
1.	215	180	187	145	143	110	32	45	37.19	29	105	126	122	87
2.	214	181	188	149	145	109	34	46	37.65	29	105	127	123	85
3.	214	180	186	148	146	105	35	44	37.54	29	104	126	125	83
4.	214	180	185	145	143	110	32	43	37.44	29	103	125	126	88
5.	214	181	188	147	141	113	31	45	37.64	29	104	126	127	83
6.	214	182	189	146	142	110	33	45	37.12	29	106	127	123	83
7.	214	183	185	146	145	109	32	46	37.34	29	103	129	122	85
8.	214	180	183	147	145	110	34	45	37.44	29	374	126	124	81
9.	214	181	180	144	144	106	35	45	37.12	30	103	126	125	85
10.	214	181	189	145	142	105	33	46	37.55	30	106	127	122	86
11.	214	182	188	146	145	109	32	44	37.32	29	104	126	124	83
12.	214	183	185	145	142	104	31	46	37.43	30	103	125	121	84
13.	214	181	184	144	144	104	34	45	37.44	29	105	126	122	87
14.	214	180	187	146	146	100	33	45	37.54	29	106	125	123	82
15.	214	181	185	147	144	103	32	43	37.55	29	107	125	121	81

GROUP HD

	Total Cholesterol (mg/dl)		Triglyceride (mg/dl)		LDL cholesterol (mg/dl)		HDL cholesterol (mg/dl)		VLDL cholesterol (mg/dl)		Apoenzyme A_1(mg/dl)		Apoenzyme B(mg/dl)	
	Initial	A6M	Initial	A6M	Initial	A6M	Initial	A6M	Initial	A6M	Initial	A6M	Initial	A6M
1.	217	192	183	154	145	129	35	40	37.23	30	105	126	122	101
2.	217	193	184	153	156	128	34	41	37.12	30	106	127	123	102
3.	217	193	187	150	157	129	32	41	37.41	30	107	126	126	101
4.	217	194	188	154	143	130	33	40	37.09	30	105	128	123	103
5.	216	194	183	154	144	129	31	41	37.12	31	104	126	122	101
6.	217	193	184	152	141	129	32	40	37.99	32	106	127	126	102
7.	216	194	188	151	144	128	34	41	37.05	30	104	128	124	103
8.	216	194	185	154	146	127	34	40	36	31	103	126	124	101
9.	215	194	189	151	147	129	36	41	37	30	106	127	123	102
10.	216	194	184	150	143	128	37	40	37	31	105	127	126	102
11.	217	193	183	151	144	126	34	41	37	31	104	128	123	103
12.	215	194	184	154	142	129	35	40	37	31	106	126	123	101
13.	215	194	186	151	141	129	36	41	37	30	103	126	125	101
14.	215	194	188	153	144	128	32	40	37	30	107	127	126	102
15.	215	194	184	156	142	128	31	41	37	30	104	128	124	103

GROUP HF

	Total Cholesterol (mg/dl)		Triglyceride (mg/dl)		LDL cholesterol (mg/dl)		HDL cholesterol (mg/dl)		VLDL cholesterol (mg/dl)		Apoenzyme A_1 (mg/dl)		Apoenzyme B(mg/dl)	
	Initial	A6M	Initial	A6M	Initial	A6M	Initial	A6 M	Initial	A6M	Initial	A6M	Initial	A6M
1.	215	180	187	145	143	110	32	45	37.19	29	105	126	121	71
2.	214	181	188	149	145	109	34	46	37.65	29	105	127	122	74
3.	214	180	186	148	146	105	35	44	37.54	29	104	126	124	78
4.	214	180	185	145	143	110	32	43	37.44	29	103	125	123	74
5.	214	181	188	147	141	113	31	45	37.64	29	104	126	123	77
6.	214	182	189	146	142	110	33	45	37.12	29	106	127	122	74
7.	214	183	185	146	145	109	32	46	37.34	29	103	129	121	71
8.	214	180	183	147	145	110	34	45	37.44	29	374	126	122	74
9.	214	181	180	144	144	106	35	45	37.12	30	103	126	121	71
10.	214	181	189	145	142	105	33	46	37.55	30	106	127	123	77
11.	214	182	188	146	145	109	32	44	37.32	29	104	126	121	77
12.	214	183	185	145	142	104	31	46	37.43	30	103	125	123	72
13.	214	181	184	144	144	104	34	45	37.44	29	105	126	121	71
14.	214	180	187	146	146	100	33	45	37.54	29	106	125	123	78
15.	214	181	185	147	144	103	32	43	37.55	29	107	125	124	74

GROUP HG

	Total Cholesterol (mg/dl)		иriglyceride (mg/dl)		LDL cholesterol (mg/dl)		HDL cholesterol (mg/dl)		VLDL cholesterol (mg/dl)		Apoenzyme A_1(mg/dl)		Apoenzyme B(mg/dl)	
	Initial	A6M	Initial	A6M	Initial	A6M	Initial	A6M	Initial	A6M	Initial	A6M	Initial	A6M
1.	217	192	183	154	145	129	35	40	37.23	30	105	126	122	101
2.	217	193	184	153	156	128	34	41	37.12	30	106	127	123	102
3.	217	193	187	150	157	129	32	41	37.41	30	107	126	126	101
4.	217	194	188	154	143	130	33	и0	37.09	30	105	128	123	103
5.	216	194	183	154	144	129	31	41	37.12	31	104	126	122	101
6.	217	193	184	152	141	129	32	40	37.99	32	106	127	126	102
7.	216	194	188	151	144	128	34	41	37.05	30	104	128	124	103
8.	216	194	185	154	146	127	34	40	36	31	103	126	124	101
9.	215	194	189	151	147	129	36	41	37	30	106	127	123	102
10.	216	194	184	150	143	128	37	40	37	31	105	127	126	102
11.	217	193	183	151	144	126	34	41	37	31	104	128	123	103
12.	215	194	184	154	142	129	35	40	37	31	106	126	123	101
13.	215	194	186	151	141	129	36	41	37	30	103	126	125	101
14.	215	194	188	153	144	128	32	40	37	30	107	127	126	102
15.	215	194	184	156	142	128	31	41	37	30	104	128	124	103

INDIVIDUAL BIOCHEMICAL INTIAL AND FINAL VALUES FOR TUBERCULOSIS SUBJECTS

GROUP TA

	Total protein (g/l)		Albumin (g/l)		TLC (cells/mm^3)		CD4 (cells/mm^3)		Superoxide dismutase (U/gm Hb)		Malondialdehyde (µM/l)	
	Initial	A6M	Initial	A6M	Initial	A6M	Initial	A6M	Initial	A6M	Initial	A6M
1.	7.9	8.4	4.0	4.2	8564	7343	323	654	2745	2945	4.23	2.01
2.	8.0	8.3	4.1	4.3	8456	7654	324	655	2765	2945	4.22	2.02
3.	7.8	8.4	3.9	4.1	8456	7456	323	634	2766	2933	4.21	1.98
4.	7.6	8.5	3.8	4.3	8653	7554	323	564	2745	2955	4.13	2.02
5.	7.7	8.2	4.0	4.2	8457	7654	322	564	2674	2988	4.32	2.01
6.	7.8	8.7	4.1	4.3	8345	7345	323	555	2765	2912	4.22	2.01
7.	7.9	8.7	3.9	4.1	8543	7654	321	565	2744	2933	4.33	2.03
8.	7.7	8.6	4.1	4.3	8754	6346	234	455	2723	2955	4.53	2.01
9.	7.6	8.5	4.1	4.4	8345	7654	343	654	2788	2956	4.23	2.06
10.	7.7	8.5	4.2	4.3	8656	6754	332	555	2755	2999	4.22	2
11.	7.8	8.6	4.0	4.5	8345	7654	345	565	2766	2912	4.43	2.01
12.	7.7	8.7	3.9	4.3	8656	7544	342	545	2744	2944	4.12	2.03
13.	7.6	8.5	3.9	4.3	8345	7545	343	555	2713	2943	4.22	2.03
14.	7.7	8.5	3.9	4.2	8345	7654	323	545	2756	2912	4.22	2.01
15.	7.6	8.4	4.1	4.3	8765	7545	323	544	2775	2999	4.33	2.04

GROUP TB

	Total protein (g/l)		Albumin (g/l)		TLC (cells/mm^3)		CD4 (cells/mm^3)		Superoxide dismutase (U/gm Hb)		Malondialdehyde (µM/l)	
	Initial	A6M	Initial	A6M	Initial	A6M	Initial	A6M	Initial	A6M	Initial	A6M
1.	7.8	8.6	4.3	4.5	7865	8324	324	501	2644	2834	4.23	2.34
2.	76	8.5	4.1	4.6	7865	8343	333	503	2642	2890	4.12	2.34
3.	7.8	8.6	4.2	4.4	7845	8344	324	503	2633	2845	4.22	2.36
4.	7.7	8.7	4.4	4.3	7865	8434	321	502	2644	2823	4.33	2.31
5.	8.7	8.4	4.3	4.5	7845	8354	322	502	2654	2899	4.43	2.33
6.	7.5	8.7	4.2	4.6	7844	8456	324	501	2612	2897	4.23	2.35
7.	7.8	8.8	4.1	47	7834	8455	325	503	2633	2856	4.44	2.31
8.	7.7	8.7	4.4	4.5	7866	8476	322	502	2631	2845	4.53	2.32
9.	7.8	8.6	4.2	4.6	7895	8456	321	501	2634	2876	4.22	2.31
10.	7.6	8.7	4.3	4.7	7865	8455	322	500	2612	2855	4.21	2.33
11.	78	8.7	4.4	4.5	7866	8498	324	501	2635	2845	4.23	2.35
12.	7.6	8.6	4.5	4.7	7895	8454	321	502	2647	2855	4.33	2.32
13.	78	8.5	4.4	4.5	7855	8434	322	503	2633	2855	4.43	2.35
14.	7.6	8.7	4.1	4.7	7896	8495	324	501	2612	2899	4.33	2.34
15.	7.7	8.8	4.3	4.5	7856	8455	333	501	2633	2855	4.34	2.33

GROUP TC

	Total protein (g/l)		Albumin (g/l)		TLC (cells/mm^3)		CD4 (cells/mm^3)		Superoxide dismutase (U/gm Hb)		Malondialdehyde (µM/l)	
	Initial	A6M	Initial	A6M	Initial	A6M	Initial	A6M	Initial	A6M	Initial	A6M
1.	7.9	7.5	4.1	4.4	8545	7564	324	487	2743	2989	4.32	2.21
2.	7.8	7.6	4.3	4.5	8654	7654	333	499	2733	2899	4.23	2.19
3.	7.7	7.7	4.1	4.4	8455	7654	324	487	2712	2988	4.21	2.18
4.	7.9	7.8	4.1	4.3	8455	7456	345	486	2734	2987	4.22	2.21
5.	7.8	7.9	4.2	4.5	8345	7656	323	487	2744	2968	4.23	2.2
6.	7.9	7.7	4.4	4.6	8656	7565	321	476	2712	2977	4.24	2.18
7.	7.9	7.9	4.0	4.5	8455	7456	324	488	2744	2987	4.25	2.17
8.	7.9	8.0	3.9	4.4	8656	7456	345	467	2754	2908	4.21	2.14
9.	7.7	8.0	3.8	4.5	8345	7654	344	476	2711	2988	4.23	2.15
10.	7.8	8.0	4.0	4.1	8654	7644	345	455	2733	2967	4.23	2.14
11.	7.8	8.7	4.1	4.1	8234	7845	346	487	2745	2945	4.25	2.14
12.	7.9	8.8	4.2	4.3	8543	7454	342	467	2755	2944	4.23	2.11
13.	7.9	8.9	4.2	4.5	8566	7456	342	477	2732	2923	4.21	2.15
14.	7.9	8.9	4.1	4.2	8245	7868	332	467	2712	2909	4.23	2.15
15.	7.8	9.0	4.0	4.1	8456	7856	321	455	2733	2939	4.21	2.13

GROUP TD

	Total protein (g/l)		Albumin (g/l)		TLC (cells/mm^3)		CD4 (cells/mm^3)		Superoxide dismutase (U/gm Hb)		Malondialdehyde (µM/l)	
	Initial	A6M	Initial	A6M	Initial	A6M	Initial	A6M	Initial	A6M	Initial	A6M
1.	7.6	7.9	4.4	4.8	8345	7865	312	399	2787	2734	4.32	3.43
2.	7.5	7.8	4.3	4.7	8345	7854	311	387	22788	2732	4.23	3.44
3.	7.3	7.9	4.5	4.6	8334	7656	311	389	2745	2712	4.22	3.44
4.	7.3	7.8	4.3	4.7	8344	7656	312	388	2788	2745	4.26	3.45
5.	7.5	7.9	4.4	4.8	8454	7656	313	387	2743	1733	4.25	3.44
6.	7.3	7.8	4.3	4.7	8545	7566	312	389	2745	2742	4.27	3.45
7.	7.2	7.9	4.2	4.6	8443	7656	314	386	2765	2812	4.22	3.43
8.	7.5	7.8	4.3	4.7	8345	7786	312	389	2788	2814	4.26	3.42
9.	7.5	7.9	4.4	4.7	8434	7877	311	398	2744	2734	4.23	3.33
10.	7.4	7.8	4.5	4.8	8234	7656	312	399	2745	2733	4.23	3.32
11.	7.5	7.9	4.4	4.8	8545	7787	311	398	2788	2787	4.44	3.34
12.	7.4	7.8	4.3	4.9	8554	7787	313	397	2766	2787	4.43	3.23
13.	7.6	7.9	4.2	4.7	8655	7788	312	396	2745	2767	4.42	3.32
14.	7.4	7.8	4.3	4.6	8545	7676	313	399	2734	2876	4.33	3.22
15.	7.6	7.9	4.4	4.6	8454	7877	312	399	2733	2872	4.33	3.21

GROUP TA

	Glutathione reduced (µM/l)		Glutathione peroxidase (U/gm Hb)		Total antioxidant activity (mmol/l)		Zinc (µg/l)		Selenium(µg/l)		copper(µg/l)	
	Initial	**A6M**	**Initial**	**A6M**	**Initial**	**A6M**	**Initial**	**A6M**	**Initial**	**A6M**	**Initial**	**A6M**
1.	43	54	23	43	0.56	0.89	543	613	116	121	945	922
2.	43	54	24	41	0.57	0.91	523	615	113	122	944	921
3.	45	53	21	42	0.59	0.92	543	614	114	123	946	923
4.	44	56	22	44	0.55	0.91	523	613	113	121	944	921
5.	42	54	23	43	0.57	0.92	523	613	112	122	944	922
6.	43	55	24	42	0.58	0.93	512	615	113	122	943	923
7.	42	54	21	41	0.59	0.92	532	617	114	123	944	924
8.	43	56	23	44	0.57	0.91	521	615	111	124	934	921
9.	43	55	22	42	0.56	0.93	523	618	115	122	933	922
10.	42	56	21	43	0.55	0.91	533	625	115	122	934	923
11.	42	54	22	44	0.59	0.93	532	624	116	121	933	934
12.	45	54	23	45	0.59	0.91	512	611	114	122	945	922
13.	43	54	24	44	0.57	0.93	532	615	113	124	955	932
14.	42	56	21	41	0.55	0.91	533	613	114	123	933	922
15.	43	54	22	43	0.56	0.93	532	617	114	122	923	921

GROUP TB

	Glutathione reduced (µM/l)		Glutathione peroxidase (U/gm Hb)		Total antioxidant activity (mmol/l)		Zinc (µg/l)		Selenium(µg/l)		copper(µg/l)	
	Initial	**A6M**	**Initial**	**A6M**	**Initial**	**A6M**	**Initial**	**A6M**	**Initial**	**A6M**	**Initial**	**A6M**
1.	45	54	22	44	0.65	1.03	528	578	113	123	943	921
2.	43	56	21	43	0.61	1.05	526	577	112	124	943	920
3.	45	55	24	45	0.66	1.09	528	579	113	124	944	922
4.	44	53	23	43	0.62	1.09	526	576	114	122	934	921
5.	43	54	21	44	0.61	1.08	529	579	113	121	965	912
6.	43	53	22	43	0.62	1.12	527	573	114	122	955	914
7.	44	54	22	42	0.63	1.08	526	576	115	123	955	915
8.	43	56	23	43	0.61	1.22	527	574	113	124	943	916
9.	42	5	24	44	0.59	1.09	526	572	112	125	932	911
10.	43	56	23	45	0.58	1.08	529	577	114	126	954	915
11.	43	54	22	44	0.6	1.09	526	574	113	122	944	913
12.	44	56	21	43	0.61	1.1	530	572	112	124	956	914
13.	45	55	25	42	0.62	1.12	528	574	111	125	966	911
14.	45	54	22	43	0.66	1.15	527	577	112	122	934	914
15.	43	54	23	44	0.59	1.18	528	578	114	121	955	911

GROUP TC

	Glutathione reduced (µM/l)		Glutathione peroxidase (U/gm Hb)		Total antioxidant activity (mmol/l)		Zinc (µg/l)		Selenium(µg/l)		copper(µg/l)	
	Initial	**A6M**	**Initial**	**A6M**	**Initial**	**A6M**	**Initial**	**A6M**	**Initial**	**A6M**	**Initial**	**A6M**
1.	43	56	22	44	0.55	0.99	523	598	112	132	945	918
2.	45	56	21	43	0.55	0.98	534	599	113	133	944	911
3.	43	57	24	45	0.53	0.97	522	597	114	134	945	916
4.	44	56	23	43	0.57	0.99	523	596	112	132	945	914
5.	45	58	21	44	0.53	0.98	526	598	111	131	954	913
6.	43	56	22	43	0.55	0.97	527	599	111	133	934	915
7.	43	57	22	42	0.53	0.99	524	596	114	132	944	915
8.	45	56	23	43	0.52	0.97	527	595	112	133	934	916
9.	44	57	24	44	0.51	0.99	524	588	113	134	945	919
10.	46	55	23	45	0.53	0.96	512	597	114	135	944	915
11.	47	56	22	44	0.52	0.95	523	598	115	133	955	914
12.	45	55	21	43	0.54	0.99	522	599	112	134	954	916
13.	43	56	25	42	0.53	0.94	526	597	113	135	943	915
14.	45	55	22	43	0.52	0.94	524	596	115	135	945	916
15.	43	56	23	44	0.52	1.12	527	595	113	132	955	911

GROUP TD

	Glutathione reduced (µM/l)		Glutathione peroxidase (U/gm Hb)		Total antioxidant activity (mmol/l)		Zinc (µg/l)		Selenium(µg/l)		copper(µg/l)	
	Initial	**A6M**	**Initial**	**A6M**	**Initial**	**A6M**	**Initial**	**A6M**	**Initial**	**A6M**	**Initial**	**A6M**
1.	43	45	22	31	0.54	0.56	523	524	115	121	928	928
2.	45	46	21	32	0.53	0.55	523	534	111	121	956	956
3.	44	47	24	31	0.52	0.57	522	533	115	120	944	944
4.	43	45	23	32	0.53	0.54	521	534	116	121	948	932
5.	42	46	21	33	0.55	0.55	532	523	115	122	955	934
6.	44	47	22	32	0.52	0.53	533	534	114	121	956	932
7.	43	47	22	31	0.51	0.56	534	533	116	10	945	954
8.	45	47	23	31	0.52	0.57	523	544	115	121	965	934
9.	44	47	24	32	0.55	0.59	512	534	116	121	945	954
10.	46	46	23	34	0.52	0.56	523	523	116	122	946	958
11.	44	47	22	32	0.52	0.57	522	524	117	122	954	965
12.	43	46	21	33	0.51	0.58	534	523	115	121	945	955
13.	43	47	25	31	0.52	0.59	523	534	115	120	934	945
14.	44	48	22	31	0.55	0.59	555	533	115	121	945	956
15.	43	47	23	30	0.54	0.58	554	534	115	121	934	934