

**COMPARISONS BETWEEN ENVIRO HEALTH DIAGNOSTIC SCAN AND ANY OTHER PREVENTIVE HEALTH CHECK**

HEALTH PROFILES	ENVIRO HEALTH'S TRUE PREVENTIVE CHECK UP	OTHER PREVENTIVE BASIC HEALTH CHECK UP	DIFFERENCES	
CARDIAC PROFILE	1) Heart Rate 2) Cardiac Index 3) SVR Systematic Vascular Resistance 4) Left Ventricle Stoke Work 5) Blood Pressure 6) Estimated Cardiac ejection Time 7) Cardiac Output 8) Stroke Volume 9) Oxygen distribution ( SPO2) 10) VO2 11) DO2	HEART RATE AND BLOOD PRESSURE TAKEN	HR and BP gives a general picture the test that are being done by ENVIRO HEALTH gives you a picture how heart is working and which parameters needs attention. If you go to a Hospital for these tests, they will have to do Echocardiography (ECG) which is much more costlier.	
ARTERIAL PROFILE	1) Reflection Index 2) Stiffness Index 3) d/a 4) b/a	NOT DONE	For knowing the stiffness in the arteries one will have to go for Angiography / high end 64 slice scanner are used to ascertain the condition.	
HEART RATE VARIABILITY ANALYSIS	1) Low Frequency 2) High Frequency 3) Stress Index 4) SDNN 5) RMSSD 6) Respiratory Rate 7) EIS HF( Nitric Oxide) 8) K30/15 9) Valsalva atio	<div style="border: 1px solid black; padding: 5px; display: inline-block;">                         TIME DOMAIN &amp; Frequency Analysis                     </div>	NOT DONE	This analysis is not done by others and is done only when required by the concerned medical professional.
BODY COMPOSITION PROFILE	1) BMI - Weight/Height(m)2 2) Fat Mass 3) Fat Free Mass 4) Total Body Water 5) Extracellular water 6) Intra Cellular Water 7) Basal Metabolic Rate 8) Weight Control 9) Fat Control 10) Daily Energy Expenditure	NOT DONE	This is not covered in any basic health check up.	
DIABETIC PROFILE	1) Beta Cell function 2) Insulin resistance 3) Impaired Glucose Tolerance 4) Metabolic Syndrome 5) Micro Vasc. Endothelial Cell Function	Blood Glucose (RANDOM,FASTING,PP)	For diabetic confirmation, you will have to go for HbA1c, Insulin Serum & HOMA Beta at additional costs.	
Cardiovascular disease Screening	1) LDL CHOLESTEROL 2) LV Hypertrophy 3) Arterial Atheroma 4) Inflammatory Process	LIPID PROFILE, ECG	For LV Hypertrophy, arterial atheroma & Inflammatory process of the heart, one will have to go for tests like C Reactive Protein, ECHO Heart and Angiography at additional cost.	
Prostate Screening	1) Prostate Specific antigen	NO TEST DONE	For confirmation PSA, Prostate Biopsy is done at additional cost.	

Thyroid Screening	1) Thyroid Gland activity	TSH,T3,T4	The benefit with ENVIRO HEALTH is that it will tell you the risk of having Thyroid in the near future even if you don't have it at present.
LIFESTYLE SCREENING	1)Oxidative Stress	NOT DONE	For this, you have to go for Specific tests for each hormone, free radicals, Arterial Blood Gas Anlysis.
	2) Indicators of Acid base Balance		
	3) Estimated leptin Levels		
	4) Estimated Cortisol Levels		
	5) Interstitial Fluid Biochemical estimation		
BRAIN ACTIVITY LEVELS	1) Tissue Perfusion of the lobes	NO TEST DONE	EEG & Brain Stroke Screening is done in other tests. Levels of serotonin, GABA , Dopamine, Nor Adrenaline are taken seperately by several blood tests / CSF analysis.
	2) Levels of serotonin		
	3) Levels of GABA		
	4)Dopa or Noradr Response		
VERTEBRAL COLUMN	1) Stress areas in spine	NO TEST DONE	One will have to go in for X-Ray, BMD and MRI for each region.
	2) Analysis of segmental innervation		
Lymphatic System	1) Lymph Nodes drainage	NOT DONE	Lymphoscintigraphy has to be done.
Liver Screening	1) Functioning of liver- tissue perfusion	LFT DONE	LFT covers almost all the parameters apart from Hepatitis Screening for which HBsAg & HBeAg have to be done seperately.
	2) Screening for Chronic Hepatitis		
SYSTEM SCREENING	1) Liver and Gall Bladder	Ultrasound, Abdomen	Both provide almost similar results.
	2) Large Intestine		
	3) Pancreas		
	4) Stomach and Duodenum		
	4) Urinary Bladder		
	5) Uterus(Female)		
6) Prostate( Male)			
KIDNEY	1) Secretions of adrenal medulla gland of kidney	Kidney Function Test (KFT)	KFT tells you about the functioning of kidneys in terms of urea, creatinine clearance, BUN levels while in ENVIRO HEALTH we get to know about hormonal secretions of the kidney.
	2) Estimated Adrenaline Hormone		
ANS and Organ Effects	1) Ratio of Sympathetic NS / ParaSympath NS	NOT DONE	
COSTING	INR 3,000 - 4,000	INR 8,000 - 12,000	
	CONSULTATION WITH 3 MONTH FOLLOW UP	CONSULTATION (IF INCLUDED IN PACKAGE)	