



## CARDIOVIT® CS-10/CS-20

PC based Stress Test System

# CARDIOVIT® CS 10/CS 20

## Resting ECG

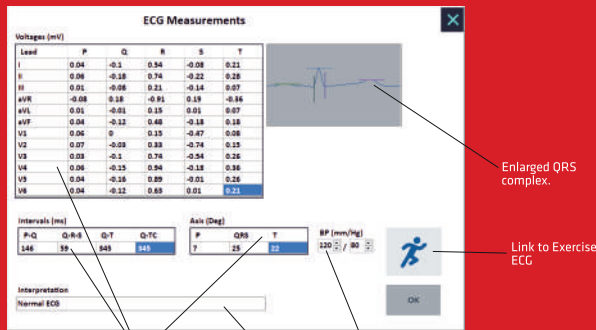


Table for measurement Interval & Axis

Field to type interpretation

Field to enter BP

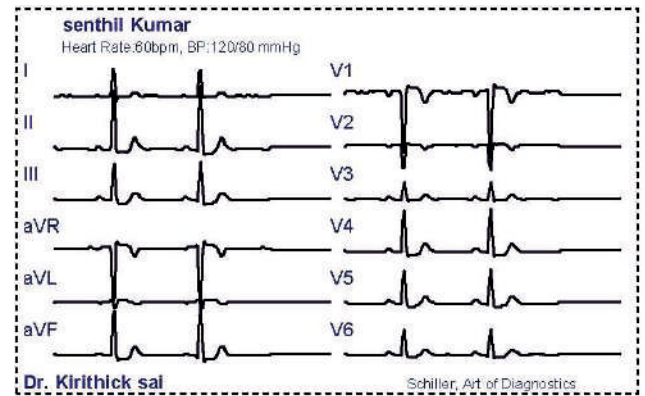
Enlarged QRS complex.

Link to Exercise ECG

## Features

- Simultaneous 12 lead acquisition
- Digital Signal Acquisition Module for noise-free and distortion free ECG
- Multiple color schemes, 12 lead raw rhythm, 12 average complexes, 1 enlarged QRS complex on a single screen
- In-built data management system
- Axis and interval measurements
- Auto Replay and Export function
- User selectable screen formats and print formats

## ID card size ECG Printout



## Editable Summary Report

Patient Details										
Patient Name: Senthil Kumar										
Patient ID: RD013 Test Date: 30-01-2020 Test Time: 10:17										
Age: 38 Gender: M Date Of Birth: Height: 172 Weight: 74										
Phone No: 9940674661 Address: asddd Email ID:										
Test Details										
Stage Name	Stage Time	Speed	Grade	HR	BP	RPP	METS	Stage Comment	ST Level(I)	STLevel(II)
Supine	00:14	0	0	60	120/80	7200	1		0.08	0.08
Standing	01:13	0	0	60	120/80	7200	1		0.07	0.07
Hyper/ventilation	00:12	0	0	60	120/80	7200	1		0.08	0.08
Stage: 1	00:09	2.7	10	60	120/80	7200	0.2		0.07	0.07
Stage: 2	02:06	4	12	60	120/80	7200	3.5		0.06	0.09
Stage: 3	00:20	5.5	14	60	120/80	7200	4		0.07	0.08
Stage: 4	00:09	6.8	16	60	120/80	7200	4.3		0.07	0.05
Stage: 5	00:08	8	18	60	120/80	7200	4.5		0.08	0.07
Stage: 6	00:21	8.8	20	60	120/80	7200	3.8		0.07	0.08
Stage: 7	00:20	9.7	22	60	120/80	7200	4.2		0.07	0.08

Editable parameters - BP, HR, ST level & slope.

## All Information on Single Screen



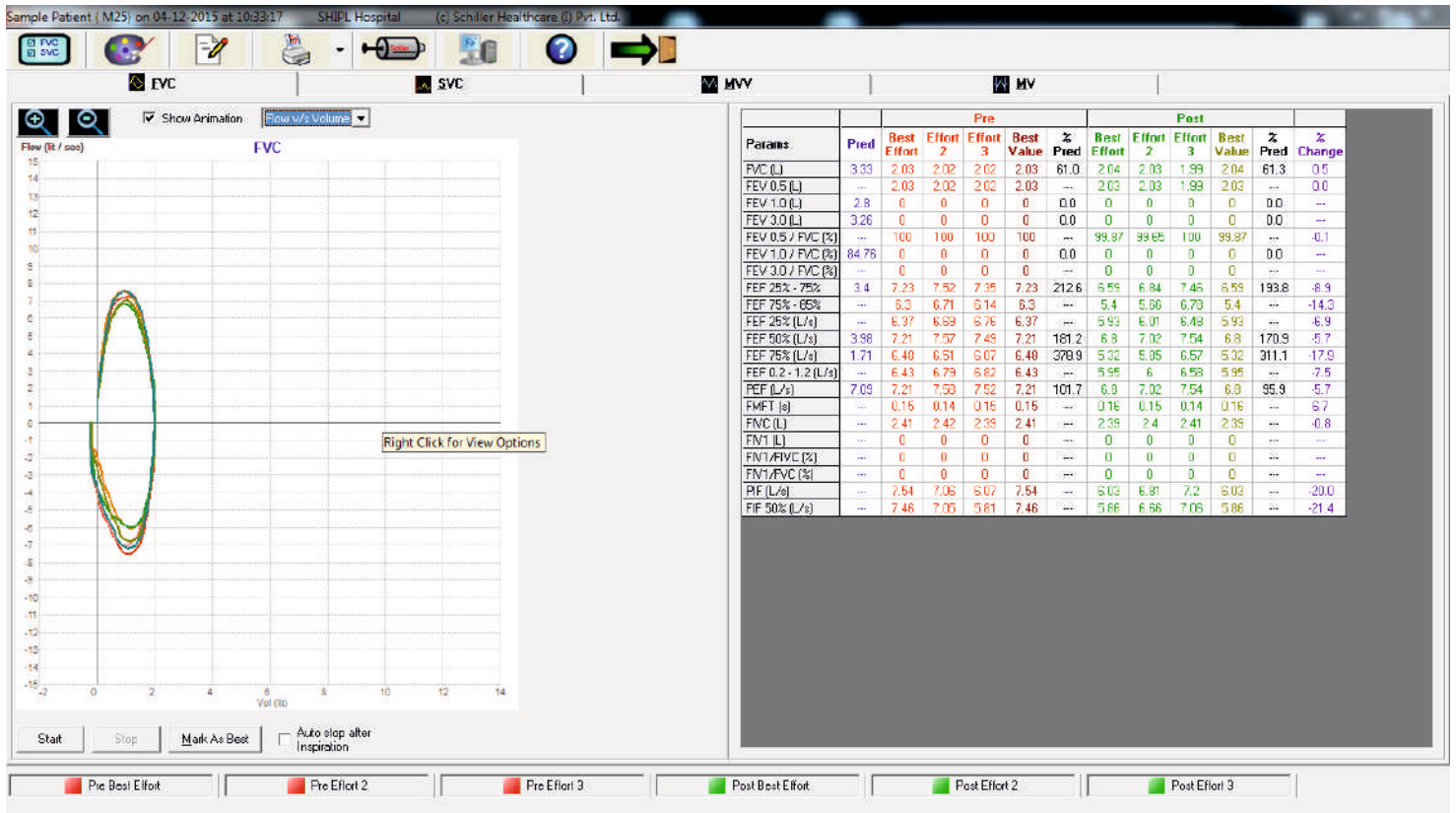
Max. ST level & Slope Table for 12 Leads and All Stages

Enlarge QRS complex.

## Exercise ECG

### Features

- ❖ Digital Signal Acquisition Module which eliminates noise and gives distortion-free ECG signal
- ❖ Display and printouts of 12-leads RAW ECG during Exercise mode
- ❖ Full disclosure of all 12-leads
- ❖ The 12-lead RAW ECG Data is stored for the entire test and can be reviewed, reanalysed, beat by beat Facility to view, compare and print Average Complex, ST graphs and tables of all 12 leads for all stages
- ❖ Laser printer provides high quality stage-wise printouts on ordinary A4 sized paper, saving on cost of consumables
- ❖ The final report includes information for Blood Pressure (entered manually), Heart Rate, Speed/Grade ST Trends, relating to stage-wise and Recovery Phase
- ❖ Automatic (Only with CS-20) / User selectable Isoelectric, J & Post J points during stress test
- ❖ Enlarged QRS complex with Dynamic Scanning Clinical history, medication, End Point Criteria are all pre-formatted
- ❖ Time based METS calculation
- ❖ Online Linked Median printing (Only with CS-20)
- ❖ Treadmill Soft Stop option for stopping the treadmill after 20 seconds in Recovery Mode
- ❖ Customised Lead Sequence for displaying 6 Channel of user choice
- ❖ User can add stage wise comment for the test (Only with CS-20)
- ❖ Lead with Maximum ST Level Depression or Elevation in the Average Complex
- ❖ Identity Card ECG printout
- ❖ User selectable Protocols and stress information



## Spirometry (Optional)

### Features

- ❖ Pneumotach sensor for accurate reading
- ❖ Comprehensive Pulmonary Function Testing with four measurement programs for inspiratory and expiratory tests - FVC, SVC, MW, MV
- ❖ System uses Indian, European and various other norms
- ❖ Uses ATS standards for accuracy of measurement
- ❖ Patient incentive screen for easy test performance
- ❖ Storage and user selectable printing
- ❖ Auto-interpretation/diagnosis with "Interpretation Quadrant"
- ❖ Choice for deriving interpretation from either FVC or SVC

## Bluetooth (Optional - Only with CS-20)

### Features

- ❖ Wireless transmission of real time 12 lead ECG data from patient to acquisition module offers greater comfort to patients
- ❖ Distortion & interference free transmission of ECG signals upto distance of 10 meters





## About SCHILLER

SCHILLER A. G., a company based in Switzerland, was founded by Alfred Schiller in 1974. Over the last 50 years, it has evolved into a successful Global Group with 31 subsidiaries and dealers across 30 countries. Today, SCHILLER is a world-leading manufacturer and supplier of devices for cardiopulmonary diagnostics, defibrillation and patient monitoring as well as software solutions for the medical industry.

Schiller in India was founded as a joint venture in 1997, and since then has established itself as a leader in the medical technology sector. With 450+ employees, a state-of-the-art ISO 13485-certified production centre in Puducherry, multiple R&D centres, and 17 offices across India; Schiller makes advanced healthcare equipment accessible through a network of 100 sales and service dealers across more than 45 locations. Our product range includes Critical Care, Anaesthesia, Emergency Care, Cardiology, Respiratory Diagnostics, Radiology, and Robotics.

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The Art of Diagnostics

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