



ECHO WORKS is a tool developed for facilitating the easy and efficient generation of reports from Echo tests. Currently ECHO WORKS caters to two modes, Cardiac applications, and Vascular applications. The solution provides scope for adding other applications in the future.

ECHO WORKS has three buckets:

***A. Measurements***

***B. Comments & Diagnosis***

***C. Report generator***

**A Measurements**

All measurements and images from tests such as 2D, M-Mode and Doppler are captured from the ECHO machine, thus eliminating re-entry. An option for manual entry is also given.

**B Comments and Diagnosis**

ECHO WORKS has a very exhaustive vascular measurement and analysis capability, covering the carotid arteries, external arteries and veins, superficial arteries and veins, as well as small systems like the superior lingual thyroid, in detail.

A list of 72 possible terminologies, including the most common ones, is available in ECHO WORKS so that manual entry is avoided.

**C Report Generator**

A user friendly report builder enables picking diagnosis and comments for multiple valve defects. The reports module of ECHO WORKS has multiple in-built templates which can be customized to the requirements of hospitals and doctors.

Some customizable features include hospital logo and test type, to name a few. Only measurements taken during the test are shown in the report, so blank fields will not be displayed.