

DVC & ASM

DIGITAL VISION ACUITY CHARTS

ANDROID LED VISION CHARTS



With 20" LG Monitor



With Universal Console



With 15" Frontech Monitor

SIZE CALIBRATION

Optotype size is very important in Refraction, as the whole refraction results depends on correct distance and character size. Hence the calibration is the important feature in Digital Vision Charts.

MDVC-20 AND MDVC-15 comes fully calibrated system, if you purchase Universal Android Box Module ASM-1100, you can connect it to any HDMI display and can calibrate yourself using Calibration card provided along with the device.

STEPS FOR CALIBRATION

- Go to Setting > Calibration
- Put the correct calibration card provided along with the device on screen just above the calibration characted
- Select particular acuity size using Left/Right button on remote
- Increase/decrease the character size using Up/Down button on remote to make the character height equal to calibration card character of the particular acuity size
- Press Ok to save the changes and press Right/Left to select next or previous acuity size and repeat the process for all acuity size



Calibration is one time process, Once the device is calibrated than it does not require re calibration again. You can set the distance to any distance after calibration.

DISTANCE SETUP

In normal (Fixed) Vision Charts distance of the vision chart from subjects eye should be 6 metre or 20 feet to measure the vision acuity readings. But it not always possible to have this much space available, especially in small optical shops or setup where space is very limited.

Our digital vision chart provides a great solution for this problem using smart distance adjustment technique. This device can be set at a distance of 5 feet (1.5 metre) to 20 feet (6 metre) distance and it can automatically adjust the Charts (Optotype) to appropriate size compensating the distance.

STEPS FOR DISTANCE SETUP

- Measure the distance between Vision Chart and subject's sitting position
- If using mirror than measure the whole distance (Subject to Mirror and Mirror to Vision Chart)
- Go to Setting > Distance
- Set the measured distance using Up-Down key on remote and press OK to set it
- If you are using a mirror than Go to Settings > Mode > Mirror then press OK to set mirrored mode on



Distance and mode can be changed any time and there is no calibration required after distance setup.

LANGUAGE SELECTION

Our Digital Vision Chart comes with all different charts (Optotypes) like C-Chart, E-Chart, Alphabet, Numbers, Pediatric and Illiterate dots charts. Beside this you can also select three regional language to display as optotypes for refraction, this is very helpful with the patients prefers their native language for refraction reading.

We provide 13 different regional languages to select from, these 13 languages are -

- Hindi
- Tamil
- Telugu
- Arabic
- Assamese
- Bengali
- Punjabi
- Kannada
- Malayalam
- Urdu
- Oriya
- Gujarati
- Nepali

STEPS FOR LANGUAGE SELECTION

- Go to Settings > Language
- Select preferred languages using OK button on remote
- Selected languages will be displayed with tick mark and darker Background



SINGLE CHARTS

C-CHART / LANDOLT RING



Landolt Rings or C-Chart, 6/60 (20/200) to 6/6 (20/20) Acuity. With Single or multiple character by pressing OK, Next-Previous chart switching with Right-Left button.

E-CHART / TUMBLING E



E-chart or Tumbling E, 6/60 (20/200) to 6/6 (20/20) Acuity. With Single or multiple character by pressing OK, Next-Previous chart switching with Right-Left button.

ALPHABET CHART



English / Alphabet chart, 6/60 (20/200) to 6/6 (20/20) Acuity. With Single or multiple character by pressing OK, Next-Previous chart switching with Right-Left button.

SINGLE CHARTS

■ **NUMERIC CHART**



Numbers or Numeric Chart, 6/60 (20/200) to 6/6 (20/20) Acuity. With Single or multiple character by pressing OK, Next-Previous chart switching with Right-Left button.

■ **REGIONAL LANGUAGE CHART**



Three default regional language can be selected, which will work 6/60 (20/200) to 6/6 (20/20) Acuity. With Single or multiple character by pressing OK, Next-Previous chart switching with Right-Left button.

PEDIATRIC CHARTS

ALLEN PRESCHOOL CHART



Allen Pediatric Chart for kids, 6/60 (20/200) to 6/6 (20/20) Acuity. With Single or multiple character by pressing OK button. Available inside Pediatric chart section.

IMAGES FOR KIDS



Images to identify for children below the age of reading or recognition of symbols. Very vivid and high quality kids friendly images make it interesting for the kids to watch and identify.

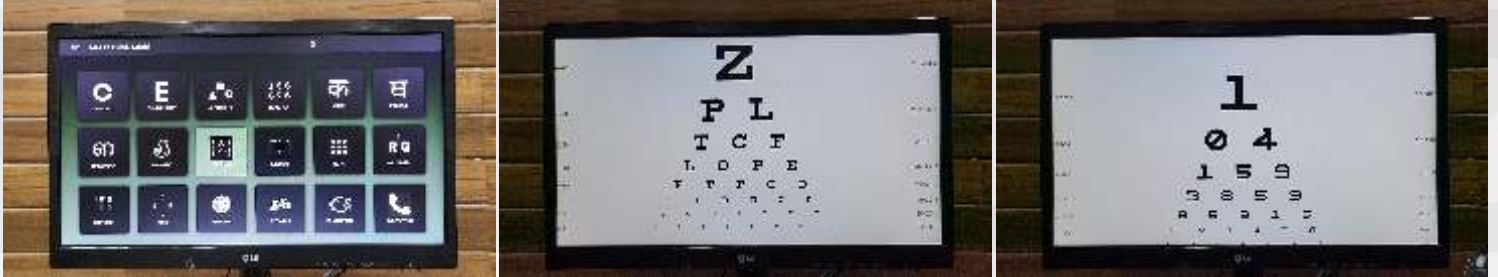
ALLEN CHART WITH MARKER



Allen Pediatric Chart for kids with marker, 6/60 (20/200) to 6/6 (20/20) Acuity. With marker which helps to target a character using Left/Right button on remote.

SNELLEN CHARTS

TRUE SNELLEN CHART



We are providing True Snellen chart, most of the digital vision charts in India does not have proper Snellen chart, those uses wrong fonts and wrong size due to display adjustment. Our Snellen chart does maintain correct font and correct font size in any set distance. It gives scrolling option using Up-Down button on remote if the distance is greater (large font size), and uses proper Snellen Font. Available with Alphabets and Number Snellen formats which can be switched by Left-Right button on remote.

LOGMAR CHART

TRUE LOGMAR/ETDRS CHART



We are providing True Logmar chart, most of the digital vision charts in India does not have proper Logmar chart, those uses wrong size and wrong character spacing due to display adjustment. Our Snellen chart does maintain correct character size and spacing in any set distance. It gives vertical scrolling option using Up-Down button and horizontal scrolling option using Left-Right button on remote.

DOT CHART

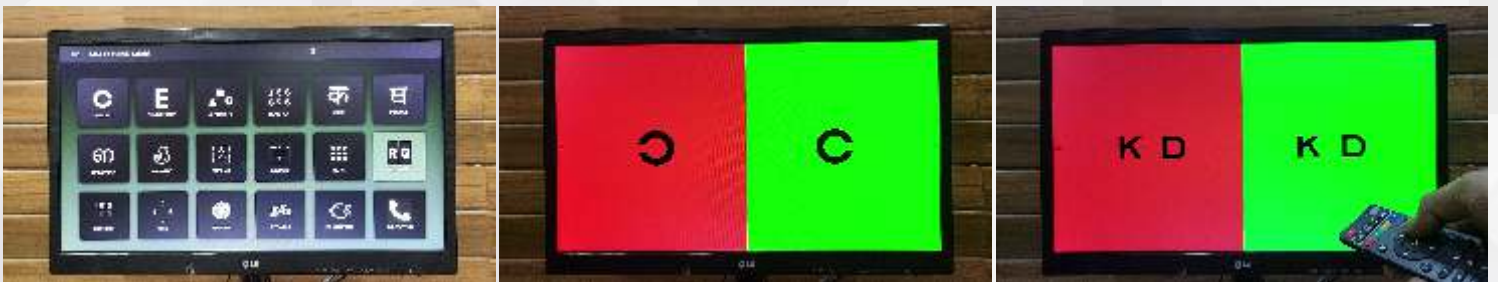
DOT/ILLITERATE CHART



Dot charts for illiterate persons or children refraction. It provides random set of dot patterns from 6/60 (20/200) to 6/6 (20/20) Acuity.

DUO CHROME CHART

RED/GREEN DUO CHROME CHART



Duo Chrome (Red/Green) background test, which will work 6/60 (20/200) to 6/6 (20/20) Acuity. With Single or multiple character by pressing OK, Next-Previous chart switching with Right-Left button.

CONTRAST SENSITIVITY TEST

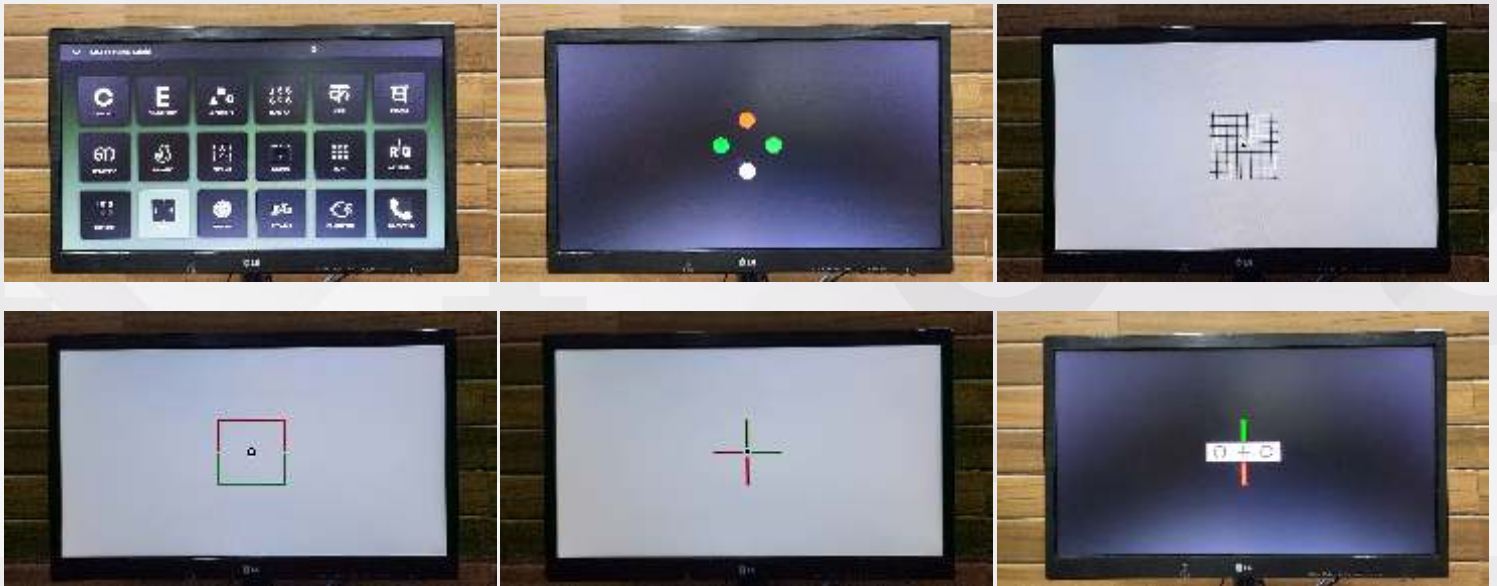
CONTRAST SENSITIVITY TEST



Contrast Sensitivity Test to check contrast sensitivity of patient. Fades in decrement of 5% contrast from 100% to 0%.

MISC CHARTS

MISCELLANEOUS CHARTS



Miscellaneous other charts used for different tests are available, like 4 Color dot chart, Amsler Grid, etc. Switch between charts using Left-Right button on remote.

COLOR VISION TEST

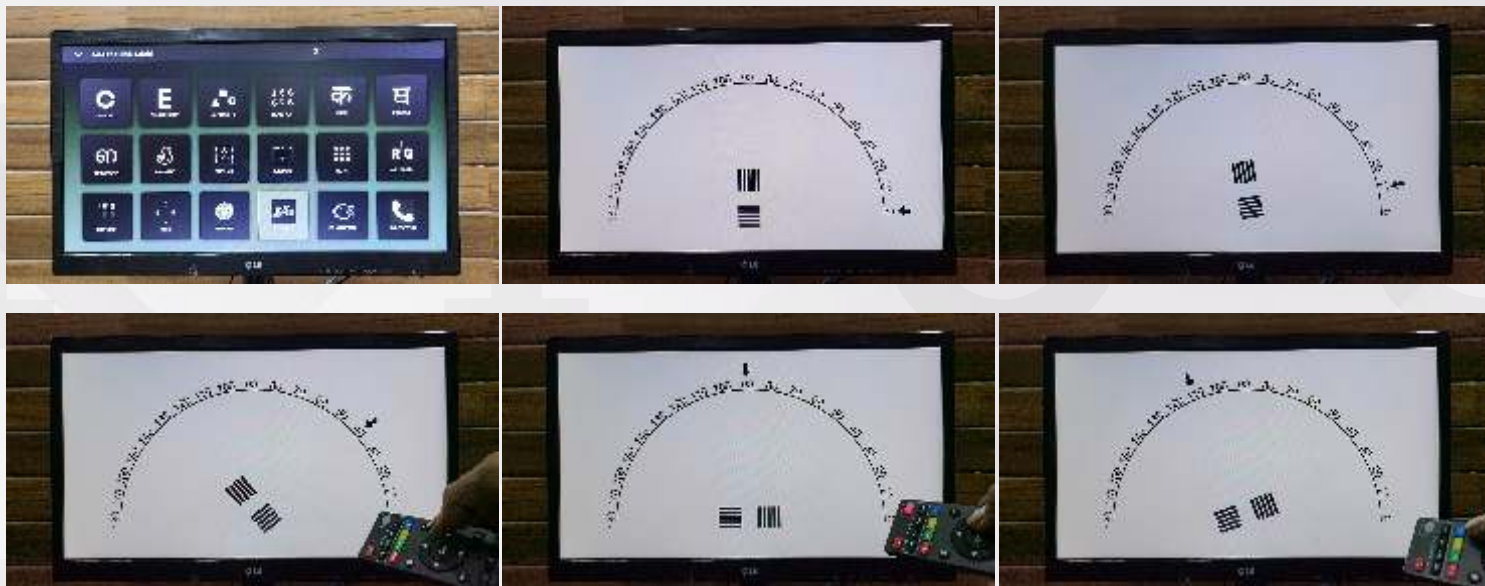
ISHIHARA COLOR VISION CHART



Ishihara color vision test for color blindness test, several plates available with different difficulty and colors.

ASTIG FAN

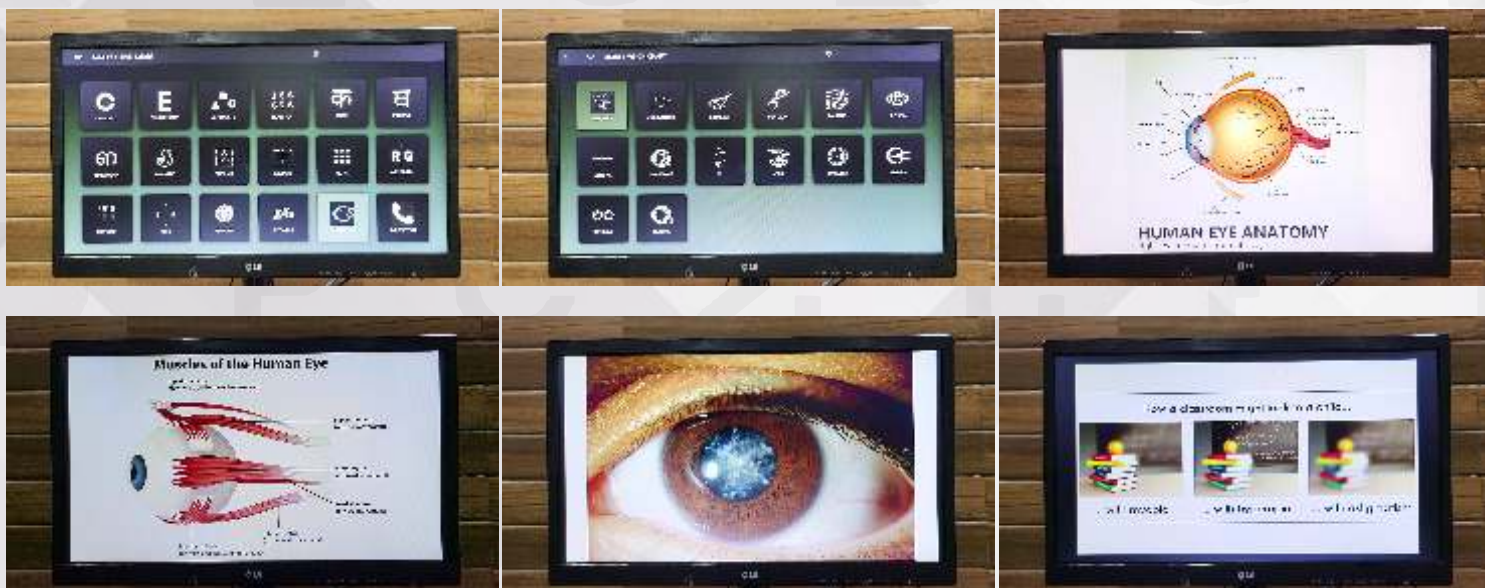
ASTIGMATISM TEST



Astigmatism test by Astig fan, 0 to 180 degree rotation by Left-Right button on remote.

EDUCATIONAL GRAPHICS

INFORMATIVE IMAGES FOR PATIENTS



A bunch of informative graphics for patient to easily understand about eye and eye related diseases.

INVERTED BACKGROUND

WHITE ON BLACK



Single chart background can be changed from White to Black, this option invert the color of the charts from Black character on White Background to Black character on Black background.

Go to Setting option than select Color mode and select Invert.

CONTACT US

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