

# CONSISTENT AND RELIABLE MEDICAL IMAGING

#### **DICOM Simulation Mode**

The ViewSonic® CDE30 series of digital displays features a DICOM (Digital Imaging and Communications in Medicine) simulation mode ideal for healthcare applications. These displays can show the accurate grayscale image representation required for medical imaging, as defined by DICOM part 14 grayscale standard display function (GSDF). This allows healthcare professionals to view medical scans such as X-rays and MRIs with greater confidence.\*



Normal Mode



DICOM Simulation Mode

\*ViewSonic displays are not considered medical devices and are not intended for use in the diagnosis of disease or other conditions, or in the cure, mitigation, treatment, or prevention of disease.

## CONSISTENT GRAYSCALE REPRESENTATION

DICOM part 14 ensures all CDE30 displays show medical scans with the same accurate grayscale range. This consistency allows healthcare professionals to rely on the subtle details within an image across different displays in a reading room or throughout a healthcare facility.

#### IMPROVED COLLABORATION

Since DICOM part 14 promotes consistent image presentation, consultations between healthcare professionals become more efficient. Everyone involved can be confident they're viewing the same accurate grayscale data, regardless of the specific CDE30 display they're using.

## POTENTIALLY IMPROVED PATIENT OUTCOMES

By enabling more accurate diagnoses, DICOM-compliant displays like the CDE30 series can potentially contribute to improved patient outcomes.



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