

Diagnostic Decision and Retrieval:** The framework included a classification stage for diagnostic** . 1
decisions and a retrieval phase to retrieve relevant cases and their clinical observations from the
previous database, aiding radiologists in validating the CAD decision.**Multilevel Similarity Measure
(MLSM) Algorithm:** They introduced an MLSM algorithm based on multiscale information fusion to
retrieve relevant cases from a previous patients' database by computing a weighted structural similarity
score of multilevel features.**Ensemble-SDCNN Model:** The ensemble-SDCNN model processed
CXR images in parallel to extract both low- and high-level features, enhancing overall classification
.performance.2.3.4.5.6