

PUBMED

```
( "Electrocardiography"[Mesh] OR "Electrocardiography, Ambulatory"[Mesh] OR
"Electrocardiography, Computer-Assisted"[Mesh] OR electrocardiogra*[tiab] OR
ECG[tiab] OR EKG[tiab] OR electrocardio*[tiab] OR elektrokardiogra*[tiab] )
AND ( "Artificial Intelligence"[Mesh] OR "Machine Learning"[Mesh] OR "Deep
Learning"[Mesh] OR artificial intelligen*[tiab] OR machine learning[tiab] OR
deep learning[tiab] OR neural network*[tiab] OR convolutional[tiab] OR
CNN[tiab] OR RNN[tiab] OR LSTM[tiab] OR transformer*[tiab] OR BERT[tiab] OR
"natural language processing"[tiab] OR algorithm*[tiab] OR model*[tiab] OR
classifier*[tiab] OR prediction*[tiab] OR "AI-ECG"[tiab] OR "ECG-AI"[tiab]
OR "computational"[tiab] OR "automated"[tiab] ) AND ( "Heart Failure,
Diastolic"[Mesh] OR "Heart Failure with Preserved Ejection Fraction"[Mesh]
OR "Heart Failure with Preserved Ejection Fraction"[tiab] OR HFpEF[tiab] OR
"diastolic dysfunction"[tiab] OR "left ventricular diastolic
dysfunction"[tiab] OR "diastolic heart failure"[tiab] OR "elevated filling
pressure"[tiab] OR "increased filling pressure"[tiab] OR HFA-PEFF[tiab] OR
"HFA PEFF"[tiab] OR H2FPEF[tiab] OR "H2F-PEF"[tiab] OR "filling
pressures"[tiab] OR "left atrial pressure"[tiab] OR "LV filling"[tiab] OR
"HF with preserved EF"[tiab] OR "heart failure preserved EF"[tiab] )
TOTAL 307
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COCHRANE

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#1      (electrocardiogra*:ti,ab,kw OR electrocardio*:ti,ab,kw
OR ECG:ti,ab,kw OR EKG:ti,ab,kw OR elektrokardiogra*:ti,ab,kw) 39854
#2      ("artificial intelligence":kw OR "machine learning":kw OR "deep
learning":kw
OR "artificial intelligence":ti,ab OR "machine learning":ti,ab OR "deep
learning":ti,ab
OR "neural network":ti,ab,kw OR convolutional:ti,ab,kw OR CNN:ti,ab,kw
OR RNN:ti,ab,kw OR LSTM:ti,ab,kw OR transformer*:ti,ab,kw OR BERT:ti,ab,kw
OR algorithm*:ti,ab,kw OR model*:ti,ab,kw OR classifier*:ti,ab,kw
OR prediction*:ti,ab,kw OR "AI-ECG":ti,ab,kw OR "ECG-AI":ti,ab,kw
OR automated:ti,ab,kw OR computational:ti,ab,kw) 232666
#3      ("heart failure with preserved ejection fraction":kw OR "heart
failure, diastolic":kw
OR "heart failure with preserved ejection fraction":ti,ab,kw OR
HFpEF:ti,ab,kw
OR "diastolic dysfunction":ti,ab,kw OR "left ventricular diastolic
dysfunction":ti,ab,kw
OR "diastolic heart failure":ti,ab,kw OR "elevated filling
pressure":ti,ab,kw
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OR "increased filling pressure":ti,ab,kw OR "filling pressures":ti,ab,kw
OR "HFA-PEFF":ti,ab,kw OR "HFA PEFF":ti,ab,kw OR H2FPEF:ti,ab,kw OR
"H2F-PEF":ti,ab,kw
OR "left atrial pressure":ti,ab,kw OR "LV filling":ti,ab,kw
OR "HF with preserved EF":ti,ab,kw OR "heart failure preserved
EF":ti,ab,kw) 3631
#4 #1 AND #2 AND #3
TOTAL 39

CTG

(Electrocardiography OR ECG OR EKG OR electrocardiogram OR
electrocardiographic) AND ("Artificial Intelligence" OR "Machine Learning"
OR "Deep Learning" OR "Neural Network" OR "Convolutional Neural Network" OR
CNN OR RNN OR LSTM OR transformer OR BERT OR algorithm OR predictive model
OR classifier OR automated OR computational OR AI-ECG OR ECG-AI) AND ("Heart
Failure with Preserved Ejection Fraction" OR HFpEF OR "Diastolic
Dysfunction" OR "Left Ventricular Diastolic Dysfunction" OR "Diastolic Heart
Failure" OR "Heart Failure, Diastolic" OR "Elevated Filling Pressure" OR
"Increased Filling Pressure" OR "Filling Pressures" OR "Left Atrial
Pressure" OR "LV Filling" OR HFA-PEFF OR "HFA PEFF" OR H2FPEF OR "H2F-PEF"
OR "HF with preserved EF" OR "Heart Failure preserved EF")
TOTAL 36

GOOGLE SCHOLAR

("electrocardiography" OR ECG OR EKG OR electrocardiogra* OR electrocardio*
OR elektrokardiogra*) AND ("artificial intelligence" OR "machine learning"
OR "deep learning" OR "neural network" OR "convolutional" OR CNN OR RNN OR
LSTM OR transformer OR BERT OR algorithm* OR "predictive model" OR
classifier* OR "AI-ECG" OR "ECG-AI" OR automated OR computational) AND
("heart failure with preserved ejection fraction" OR HFpEF OR "diastolic
dysfunction" OR "diastolic heart failure" OR "left ventricular diastolic
dysfunction" OR "elevated filling pressure" OR "increased filling
pressure" OR "filling pressures" OR HFA-PEFF OR "HFA PEFF" OR H2FPEF OR
"H2F-PEF" OR "left atrial pressure" OR "LV filling" OR "HF with preserved
EF" OR "heart failure preserved EF")
TOTAL 55