

Glossary

ECG	Electrocardiogram
EMG	Electromyogram
EOG	Electro oculograph
MCL	Modified chest lead
VEP	Visual Evoked Potential
FFT	Fast Fourier Transform
EEG	Electroencephalogram
LMS	Least Mean Square
FIR	Finite-duration Impulse Response
IIR	Infinite duration Impulse Response
QRD-RLS	QR – decomposition based Recursive Least-Squares
FTF	Fast Transversal Filters
LSL	Recursive Least Squares Lattice
GAL	Gradient Lattice Algorithm
QRD-LSL	QR-Decomposition based Least Squares Lattice
AZTEC	Amplitude Zone Time Epoch Coding
TP	Turning Point
CORTES	Coordinate Reduction Time Encoding
SAPA	Scan Along Polynomial Approximation
DPCM	Differential Pulse Code Modulation
KLT	Karhunen – Loeve Transform
DCT	Discrete Cosine Transforms
JBIG	Joint Bi-level Experts Group
ppm	prediction with partial match
LZW	Lempel-Ziv-Welch
LBF	Linear Basis Functions
RBNN	Radial Basis Function Neural Network
ACON	All Class One Network
OCON	One Class One Network
ART	Adaptive Resonance Theory
MSE	Mean Square Error
ISE	Instantaneous Square Error
ADALINE	Adaptive Linear Combiner
DBNN	Decision Based Neural Network
SOM	Self Organizing Map

SEP's	Somatosensory Evoked Potentials
SA	Stimulus Artifact
ESC	Event Synchronous Cancellation
ROSC	Restoration Of Spontaneous Circulation
MMSE	Minimum mean square error
MRANC	Multi reference adaptive noise canceling
TNS's	Transient Non Stationarities
SSW's	Spike and Sharp Waves
MRANC	Multi reference Adaptive Noise Canceling
AR	Auto Regressive
LTP	Long Term Prediction
STP	Short Term Predictor
VF	Ventricular Fibrillation
VT	Ventricular Tachycardia
ROSC	Restoration Of Spontaneous Circulation
CPR	Cardiopulmonary Resuscitation
BP	Back propagation
CBP	Circular Back Propagation
TDE	Time Delay Estimation
WDD	Weighted Diagnostic Distortion
LPC	Linear Prediction Coding
SAR	Sub Auto Regression
ASEC	Analysis by Synthesis ECG Compressor
DWT	Discrete Wavelet Transform
PRD	Percent Root-mean- square Difference
DOWT	Discrete Orthonormal Wavelet Transform
SPIHT	Set Partitioning trees
QMFs	Quadrature Mirror Filters
AVQ	Adaptive Vector Quantization
MSVQ	Mean-Shape Vector Quantization
CT	Cosine Transform
WT	Walsh Transform, Wavelet transform
D_y WT	Dyadic Wavelet Transform
FB	Filter Bank
SNR	Signal-to-Noise Ratio
MWI	Moving Window Integrator
VLP's	Ventricular Late Potentials
LTM's	Long- Term Memories

TP	True Positive
FN	False Negative
FP	False Positives
TN	True Negative
ST Se	Ischemic ST Episode Sensitivity
ST P	Ischemic ST Episode Predictivity
IS Se	Ischemia Duration Sensitivity
IS P	Ischemia Duration Predictivity
ML	Modified Lead
MOBD	Multiplication of Backwards Difference