بسم الله الرحمن الرحيم

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تم رفع هذه الرسالة بواسطة / حسام الدين محمد مغربي

بقسم التوثيق الإلكتروني بمركز الشبكات وتكنولوجيا المعلومات دون أدنى مسئولية عن محتوى هذه الرسالة.

ملاحظات : لا يوجد

Nurses' Performance Regarding Electrocardiography Application and Its Interpretation: Suggested Nursing Guideline

Thesis

Submitted for Partial Fulfillment of Master Degree in
Medical Surgical Nursing
(Critical Care Nursing)

By

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2022

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2022


بسم الله الرحمن الرحيم
قالوا
سبحانك لا علم لنا
إلا ما علمتنا إنك أنت
العليم الحكيم
صدق الله العظيم
سورة البقرة الآية: ٣٢

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Candidate

Israa Mohammed Ali Mohammed

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List of Abbreviations

Abbriviation	Full-term/ Definition
ACS	: Acute Coronary Syndrome.
A-fib	: Atrial Fibrillation.
ANOVA	: Analysis Of Variance.
AV	: Atrioventricular.
AVN	: Atrioventricular Node.
CAD	: Coronary Artery Disease.
CCU	: Coronary Care Unit.
CLR	: Continuous Loop Recorder.
COVID 19	: Corona Virus Disease Of 2019.
CVD	: Cardiovascular Disease.
ECG/EKG	: Electrocardiogram.
ED	: Emergency Department.
f-waves	: Fibrillatroy Waves.
HDL	: High Density Lipoprotein.
HS	: Highly Significant.
ICS	: Intercostal Space.
ILR	: Implantable Loop Recorder.
IV	: Intravenous.
J-point	: A Junction between the termination of the QRA-complex and the beginning of the st-segment.
l/min	: Liter Per Minute.
LA	: Left Arm.

Abbriviation	Full-term/ Definition

Lead aVF : Unipolar Augmented Limb Lead placed on the left leg.

Lead aVL: Unipolar Augmented Limb Lead placed on the left arm.

Lead aVR: Unipolar Augmented Limb Lead placed on the right arm.

Lead I : Bipolar Standard Limb Lead that records the difference in voltage between the left arm (LA) and right arm (RA) electrodes.

Lead II : Bipolar Standard Limb Lead that records the difference between the left leg (LL) and right arm (RA) electrodes.

Lead III : Bipolar Standard Limb Lead that records the difference between the left leg (LL) and left arm (LA) electrodes.

Lead V1 : Unipolar Chest Lead that is placed on the 4th intercostal space right sternal border.

Lead V2 : Unipolar Chest Lead that is placed on the 4th intercostal space left sternal border.

Lead V3 : Unipolar Chest Lead that is placed on the midway between V2 and V4.

Lead V4 : Unipolar Chest Lead that is placed on the 5th intercostal space at the left midclavicular line.

Lead V5 : Unipolar Chest Lead that is placed on 5th intercostal space at anterior axillary line (halfway between V4 and V6).

Lead V6 : Unipolar Chest Lead that is placed on 5th intercostal space at midaxillary line level with V4.

Abbriviation	Full-term/ Definition

LL : Left Leg.

MI : Myocardial Infarction.

Min : Minute.

ml/min : Milliliter Per Minute.

mV : Millivolt.

NS : Insignificant**.**

NSR : Normal Sinus Rhythm.

P- Value : Probability Value.

PAC : Premature Atrial Contraction.

Pearson r : Pearson Correlation Coefficient

PMVT : Polymorphic Ventricular Tachycardia.

PR- interval: The PR interval tracks the atrial impulse from the atria through the AV node, bundle of His, and right and left bundle branches.

PR- segment: A flat line between the end of the P-wave and the onset of the QRS-complex and serves as the baseline (also referred to as reference line or isoelectric line) of the ECG curve.

PVC : Premature Ventricular Contraction.

P-wave : First positive deflection of ECG waves and represents atrial depolarization.

q,r,s waves : Small letters that represent the QRS complex that has small voltage in ECG paper.

QRS-complex: An ECG wave that represents ventricular depolarization.

Abbriviation	Full-term/ Definition

QTc : QT corrected for heart rate (QTc) interval reflects ventricular repolarization, and its prolongation can lead to fatal ventricular arrhythmias.

QT-interval : A period of time that represents all the start of depolarization to the end of repolarization of ventricles.

RA : Right Arm.

R-wave : First positive deflection that of QRS complex.

R'-wave : Second positive deflection that of QRS complex.

S : Significant.

SA : Sino Atrial.

SAECG : Signal Averaged Electrocardiogram.

SAN : Sino Atrial Node.

SB : Sinus Bradycardia.

SD : Standard deviation

Sec : Second.

SPSS : Statistical Package for Social Science

ST-segment : It is the flat, isoelectric section of the ECG between the end of the S-wave (the J-point) and the beginning of the T-wave.

S-wave : The subsequent downward waveform after the R wave.

T- test : A statistical test that compares the means of two sample.

T-wave : Third positive deflection of ECG waves and represents ventricular depolarization.