



UNIVERSIDAD DEL SURESTE

Lic. en enfermería

MATERIA
ingles

TEMA
SEMIOLOGY OF VITAL SIGNS

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SEMIOLOGY OF VITAL SIGNS

signos vitales(SV)

„are values that allow estimate the effectiveness of circulation, breathing and neurological functions

are made up of

- heart rate
- respiratory rate
- body temperature
- blood pressure
- oximetry

The variables that affect are

- the age
- the genre
- physical exercise
- pregnancy
-

arterial pulse

;It is the pulsating wave of the blood, and which results in expansion and contraction regulate the caliber of the arteries;

is characterized by

- frequency
- rhythm
- volume or amplitude
- elasticity

places to locate it

PTemporal pulse, carotid pulse, brachial pulse, radial pulse, pulse femoral pulse, popliteal pulse, pedal pulse tibial and apical pulse

Body temperature (TC)

is defined as the degree of heat conserved by equilibrium between the heat generated and the heat lost by the body.

object with which it is measured

- conventional axillary thermometer
- digital thermometer
- digital ear thermometer

places to place

- oral
- armpit or groin
- rectal intake

Respiratory rate

is the number of times a person breathes per minute. It is usually measured when the person is at rest

is characterized by

Through respiration the body takes in oxygen from ambient air to the alveoli and expels carbon dioxide, which is achieved by of ventilation or mechanical process of air mobilization.

techniques

- keep it comfortable
- count your breath
- record and analyze

pressure blood pressure

or

of blood driven by the heart to blood vessels

is characterized by

Within physiological limits, the heart expels all the blood that flows to it, without create excessive blood stagnation in the glasses.

techniques

To measure BP, a monitor can be used aneroid, which has a spherical indicator and is read by looking at the needle, or a monitor digital, in which the reading appears on a small screen

oximetry

clamp-shaped sensor in which houses a light producer that reflects off the skin of the pad of the finger to estimate the amount of circulating oxyhemoglobin

is characterized by

pulse oximeter reliability according with a sensitivity of 100% with specificity low, both to detect PaO2 greater than 90

techniques

A pulse oximetry device is required, which has of a clamp-shaped sensor in which houses a light producer that reflects off the skin of the pad of the finger to estimate the amount of oxyhemoglobin.

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