

PALS Pretest Questions and answers | Latest 2024/25

what should the first rescuer arriving on the scene of an unresponsive infant or child do? verify scene safety, check responsiveness, shout for help, activate emergency response system

How long should assessing for breathing and checking for a pulse take? No longer than 10 seconds

If the AED indicates no shock advised, what should be the next action? Start chest compressions

What is the compression-to-breath ratio for 1- and 2-rescuer CPR for children and infants?
1-rescuer, 30:2; 2-rescuer, 15:2

Systematic Approach video 1: Blonde, 18-month-old child with pacifier. Does this patient need immediate intervention? Yes

Systematic Approach video 1: Blonde, 18-month-old child with pacifier. What is the patient's appearance? Awake

Systematic Approach video 1: Blonde, 18-month-old child with pacifier. What is the patient's work of breathing? Increased work of breathing

Systematic Approach video 1: Blonde, 18-month-old child with pacifier. What is this patient's color? Pale

Systematic Approach video 2: 3-year-old child in yellow shirt. Does this patient need immediate intervention? No

Systematic Approach video 2: 3-year-old child in yellow shirt. What is the patient's appearance? Increased interaction

Systematic Approach video 2: 3-year-old child in yellow shirt. What is the patient's work of breathing? Normal

Systematic Approach video 2: 3-year-old child in yellow shirt. What is this patient's color? Pink mucous membranes

Primary Assessment video 1: Patient with dragon nebulizer. Does this patient need immediate intervention? Yes

Primary Assessment video 1: Patient with dragon nebulizer. Is the airway maintainable? Yes

Pals Pretest Answers 2013

K Morrison



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3 four quadrant operation of dc motor four quadrant operation or mode of any dc motor means that machine operate in four quadrants they are forward breaking mode forward motoring mode reverse breaking or stop mode and reverse motoring mode a motor operates in two modes motoring and breaking a motor drive capable of

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aug 8 2020 1 answer sorted by 1 you can think of the first quadrant operation as being a buck converter down from the supply to the motor you can think of the second quadrant as being a boost converter from the motor's generated low voltage up to the supply voltage

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put simply the four quadrants that the controller can work in are 1 motor going clockwise controller applying clockwise drive 2 motor going anti clockwise controller applying anti clockwise drive 3 motor going clockwise controller applying anti clockwise drive 4 motor going anti clockwise controller applying clockwise drive

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1 to observe the four quadrant operation of a dc motor 2 to control a motor under torque control 3 to couple the speed control motor and torque controlled motor and observe the effect of a stepped torque 6 2 four quadrant operation of a dc motor the four quadrant operation is performed by giving an alternating reference speed command to

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aug 16 2021 the four quadrant operation of the motor can be described as follows quadrant i in the first quadrant the developed power by the motor is positive thus the motor operates in motoring mode and converts electrical energy into mechanical energy therefore the operation of the motor in first quadrant is called forward motoring quadrant ii

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