

Lab 2: Arterial line Videos

2020

This is for your learning for exams and clinical. For the HESI Skills listed utilize the LMS HESI calendar & HESI Across the Module sheet. Study guide answers will be released on LMS before Muddy Waters #2.

For questions contact Ms. Kilpatrick

HESI Skills: Critical Care Collection

- Arterial Catheter Insertion (assisting) Care, and Removal - review the extended sheet and take the quiz

HESI Skills Respiratory Collection

- Arterial Catheter Blood Sampling - review the extended sheet and take the quiz

<https://youtu.be/cw-NLUmHTv4> Arterial Line Removal Nursing Lecture (2016) live demonstration of arterial line removal on actual patient

<https://www.youtube.com/watch?v=9YzmimDY15s> Safe Set System from ICUmed 2012

Optional Videos

<https://youtu.be/zfQf-KK5mCc> Arterial Lines (Guide for Nursing Students by K. Sun, Army of Nurses (2015) (25.3 min) Explanations and visuals are good and easy to follow

<https://youtu.be/aJmQepDWVqw> Transducers in Invasive Pressure Monitoring (2016) (8.41 min) Basics of how a transducer works & why being level with phlebostatic axis is important. See video at 4.20 minutes. **Note:** Heparin is not used with NS for adult patients

<https://youtu.be/1naup00IZOQ> Arterial Line Management & Nursing Care (2017) Mometrix.com (7.5 minute) Good illustrations & explanations

- 1. How many mmHg should the pressure bag be maintained?**
300 mmHg
- 2. List two reasons a patient would need an arterial line.**
Monitor the blood pressure continuously and do frequent lab draws
- 3. What neurovascular and peripheral vascular assessments should be performed on a patient with an arterial line.**
Temperature, pallor, pain, paresthesia, paralysis and pulses
- 4. What medications can be given through an arterial line?**
None
- 5. What is the phlebostatic access and how does it relate to the arterial line transducer?**
It is the 4th ICS and midaxillary line and it is the same level as the heart.
Transducer must be level with phlebostatic axis for accurate reading of BP
- 6. List three things to assess and document for arterial line removal**
Location of arterial line, catheter tip intact and pressure dressing is applied.