CPER digest

September 2017

You are called for a 74 year old female patient who tripped on a carpet and rolled over on her ankle. Upon your arrival, the patient's ankle is swollen and she states that she is unable to weight bear. You splint the ankle, apply ice and assist with relaxation techniques to reduce the patient's discomfort. As you ready the patient for transport she remains in moderate discomfort so you consider her for pain management. While your partner is obtaining a set of vitals, what is your next step for consideration of your treatment plan? If you said, take out your medical directive and verbalize your Medication Safety Cross-Check, you are correct!

As you will see from the infographic below and what will be a focus at the upcoming APR there is an emphasis on the Medication Safety Cross-Check. This is a thorough way of completing the "5 Rights" of medication safety and was created with the assistance of front line Paramedics.

When patient care concerns arise, the common precipitating factor is a lack of communication between providers. This tool was created to highlight the communication that needs to occur to complete the "5 Rights" as intended.

Verbalizing the "Right Patient" and "Right Directive" confirms the conditions under the directive in your book or app. For the case above, the patient would meet all conditions for acetaminophen, ibuprofen and morphine with consideration to use ketorolac if the patient was unable to take oral medications. The patient reports no nausea or vomiting or swallowing difficulties and is able to sit upright to take the medication therefore acetaminophen and ibuprofen rather than ketorolac would be an option for your patient.

Verbalizing the "Right Medication" confirms what medication you want to give based on the indications in the directive as well as the concentration. Ask your partner to verify what is on the label of the medication. You hand your partner a package of acetaminophen and ibuprofen to check the medication name, dose and expiration date. Your patient has moderate pain from trauma to her ankle which meets the indications for both acetaminophen and ibuprofen. If you are an ACP crew, morphine could also be a consideration based on the indications.

Verbalizing the "Right Dose" should be verified with the directive and calculated and confirmed together. Remember to use dosing charts to act as verification if available. The acetaminophen dose for this patient is 960-1000 mg and the ibuprofen dose is 400 mg.

Verbalizing the "Right Route" should be verified with the directive and the contraindications and vitals should be reviewed. Both acetaminophen and ibuprofen is given by mouth (PO) and through the contraindications you discover that the patient is on Eliquis (an anticoagulant) so they are no longer a candidate for ibuprofen.

The final check to confirm the "Right Time" is the opportunity to pause and be sure. Ask "is there any reason that I should not administer this medication?" You agree together that the patient can receive 1000 mg of acetaminophen PO. You administer the medication and continue to manage and monitor your patient until call completion.



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With the upcoming APR, you will see a video that walks through a case using this Medication Safety Cross-Check. The case is in real time to show that the whole check can be completed when time is of the essence. The video also provides valuable feedback on how to perform the Medication Safety Cross-Check when your partner is not able to actively participate (ie. when they are driving and you are in the back of the ambulance) as well as other great discussion surrounding medication safety and how to mitigate risk by using effective communication and the tools you have available to you.



