

Example 4.7 O'Connor Hospital Drug Interaction Progress Note



FLUOROQUINOLONE – STEROID DRUG INTERACTION PROGRESS NOTE

PHARMACIST

TO PHYSICIAN: \_\_\_\_\_

This patient is receiving the following systemic steroid \_\_\_\_\_.

The patient is also receiving  Levofloxacin (Levaquin®)  Ciprofloxacin (Cipro®).

Please review the Black Box Warning, Contraindications, and Warnings section from the package insert (listed below) and weigh the risks and benefits of this therapy.

Pharmacist Signature \_\_\_\_\_ Date \_\_\_\_\_ Time \_\_\_\_\_

|                  | Levofloxacin (Levaquin®)   | Ciprofloxacin (Cipro®)  |
|------------------|--|---|
| Black Box        | Fluoroquinolones, including LEVAQUIN®, are associated with an increased risk of tendinitis and tendon rupture in all ages. This risk is further increased in older patients usually over 60 years of age, in patients taking corticosteroid drugs, and in patients with kidney, heart or lung transplants.   | Fluoroquinolones are associated with an increased risk of tendinitis and tendon rupture in all ages. This risk is further increased in older patients usually over 60 years of age, in patients taking corticosteroid drugs, and in patients with kidney, heart or lung transplants.  |
| Warning          | Abbreviated Warnings section – see package insert for full explanation<br><br>• Risk of tendinitis and tendon rupture is increased. This risk is further increased in older patients usually over 60 years of age, in patients taking corticosteroids, and in patients with kidney, heart or lung transplants. Discontinue if pain or inflammation in a tendon occurs. | Abbreviated Warnings section – see package insert for full explanation<br><br>• Fluoroquinolones are associated with an increased risk of tendinitis and tendon rupture in all ages.<br>• The risk of developing fluoroquinolone-associated tendinitis and tendon rupture is further increased in older patients usually over 60 years of age, in patients taking corticosteroid drugs, and in patients with kidney, heart or lung transplants.<br>• Patients should be advised to rest at the first sign of tendinitis or tendon rupture, and to contact their healthcare provider regarding changing to a non-quinolone antimicrobial drug. |
| Contraindication | Known hypersensitivity to LEVAQUIN® or other quinolones  | Ciprofloxacin is contraindicated in persons with a history of hypersensitivity to ciprofloxacin, any member of the quinolone class of antimicrobial agents.   |

PHYSICIAN

Choose one of the following treatment choices:

- I will discontinue patient's systemic quinolone. I will switch patient to another antimicrobial.
- I will decrease patient's steroid therapy.
- Continue both agents. I am aware of the risks of using these agents together. Patient has failed to respond to alternative agents in the past.

MD Signature \_\_\_\_\_ Date \_\_\_\_\_ Time \_\_\_\_\_ ID# \_\_\_\_\_

PART OF THE PERMANENT RECORD

For more information about this example contact Olga DeTorres PharmD at [OlgaDeTorres@verity.org](mailto:OlgaDeTorres@verity.org)