

# MED-ERROR BULLETIN

Strives to promulgate preventable medication errors amongst healthcare professionals

Brought to you by Pharmacy Department, HCTM

Volume 2, June 2021

## Wrong Duration (Transcribing Error)

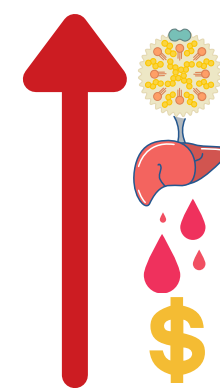
| Date             | Drugs                                | F/NF | Duration | D'psed | Bal | Dosage | Unit | Freq. | Intake  |
|------------------|--------------------------------------|------|----------|--------|-----|--------|------|-------|---------|
| 25-05-2021 07:22 | TOCILIZUMAB 400MG/20ML INJ (ACTEMRA) | *NF* | 5 days   | 5      | 0   | 400.0  | MG   | 1     | -       |
| 25-05-2021 07:21 | ASCORBIC ACID 100MG TAB (VITAMIN C)  | *F*  | 5 days   | 5      | 0   | 0.50   | BUI  | 4     | SELEPAS |
| 25-05-2021 07:16 | ASCORBIC ACID 100MG TAB (VITAMIN C)  | *F*  | 5 days   | 5      | 0   | 0.50   | BUI  | 1     | SELEPAS |
| 25-05-2021 07:16 | TOCILIZUMAB 400MG/20ML INJ (ACTEMRA) | *NF* | 5 days   | 5      | 0   | 400.0  | MG   | 1     | -       |

IV Tocilizumab is indented 4mg/kg for 5 days instead of 4mg/kg stat  
KIV 12 hours later if CRP & SP02 not improved

### HOW CAN WE AVOID ?

- 1) Assessment needed and to prescribe for each dose.
  - 2) Unsure of the duration? Check the latest COVID-19 protocol.
- Assessment needed to prescribe for each dose.
  - Do prescribe one dose only each time.

### POTENTIALS



Lipid level  
Liver enzyme  
Thrombocytopenia  
Cost wastage

**FYI, IV Tocilizumab 400mg/20ml : RM2732/Vial RM 10K just for 1 patient!**

## Drug-Drug Interaction (Prescribing Error)



**Rifampicin  
+  
Apixaban**

### WHAT HAPPENED THEN?

Rifampicin , a strong CYP3A4 and P-gp inducers will

<< Reduced Apixaban efficacy

>> Increased risk of stroke

### HOW CAN WE AVOID ?

Alternative can be suggested (eg: Apixaban to warfarin) , although Rifampicin reduces blood thinning effect of warfarin. However, it can be overcome by dosage manipulation through INR monitoring.

## Wrong Drug Indication (Transcribing Error)

**EFAVIRENZ 200MG CAPSULE (STOCRIN)\*  
3 KAPSUL 1 kali sehari 9 biji STAT and BD one  
UNTUK DITELAN**

An adult COVID-19 patient was prescribed  
**Tab Efavirenz** instead of **Tab Favipiravir**

### HOW CAN WE AVOID ?

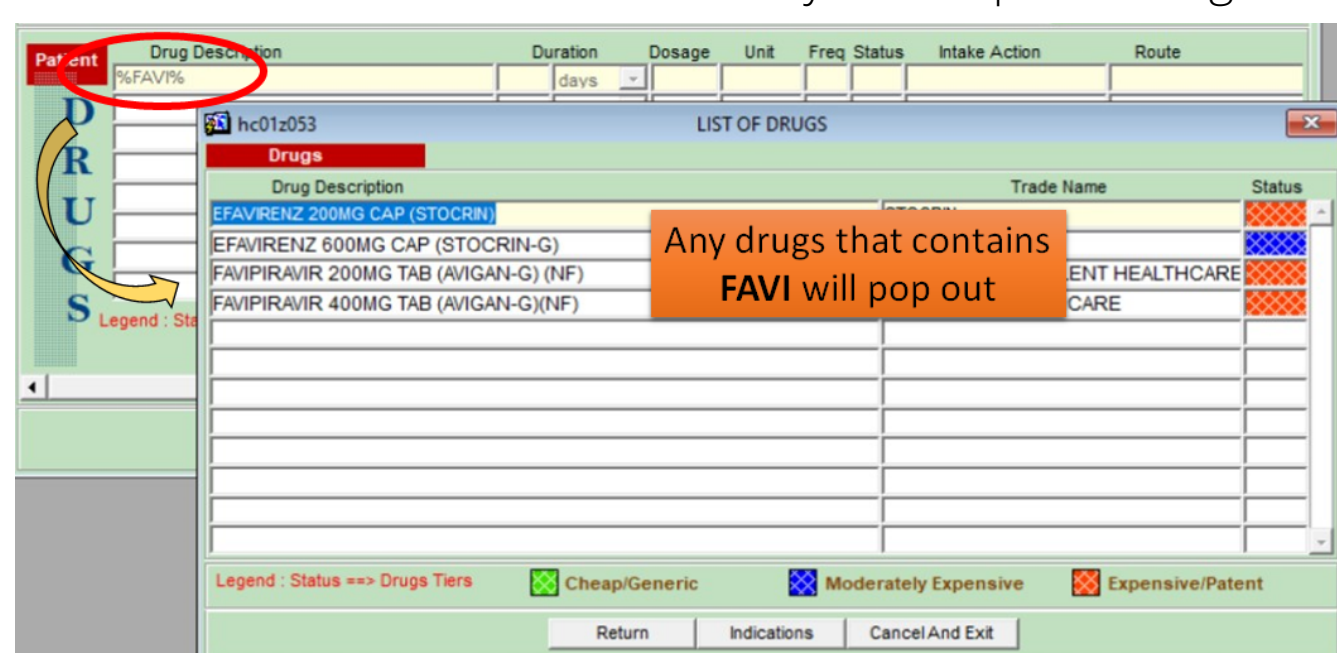
Avoid typing **%Favi%** as Efavirenz will pop out as the first selection, instead type **Favi or Favipiravir** straight away.  
Read the medication name carefully before prescribing.

### CONSEQUENCES

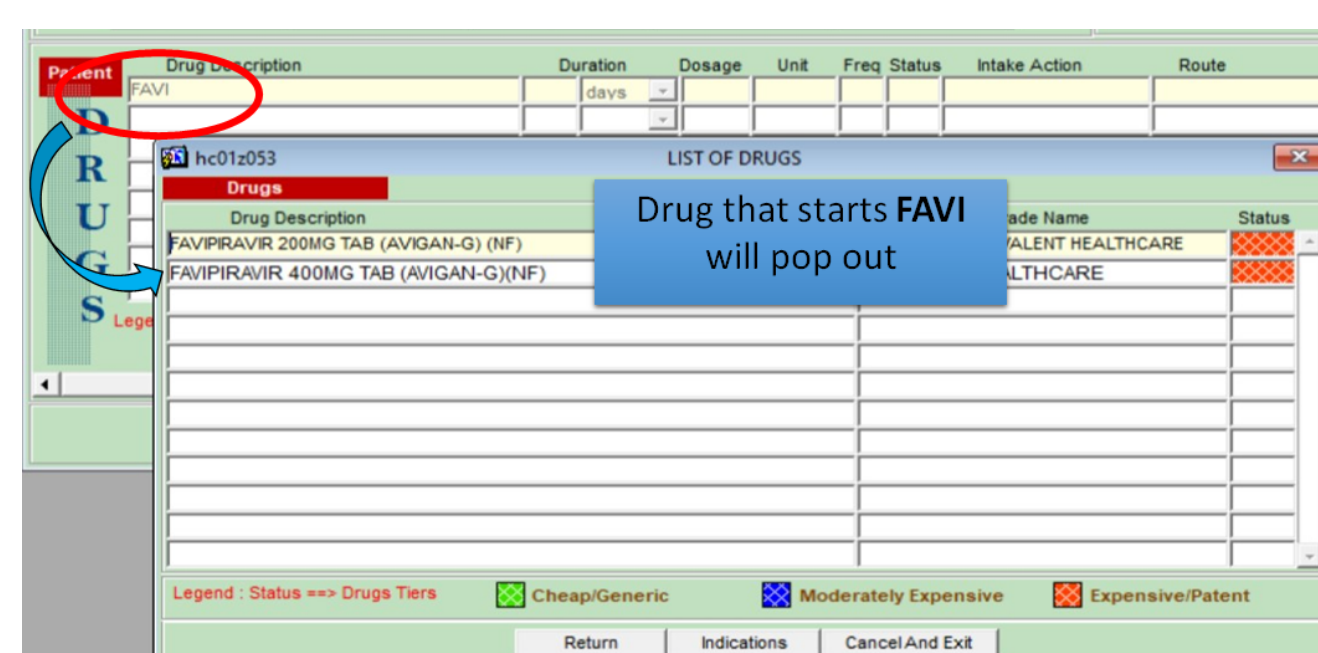
Tab Efavirenz is an antiviral for HIV/AIDS & no current evidence against COVID-19 prophylaxis or treatment



Risk of lipid level & liver enzymes, insomnia, skin rash



Any drugs that contains  
**FAVI** will pop out



Drug that starts **FAVI**  
will pop out

1. Actemra (Tocilizumab) Product Insert Leaflet, 2014 ([https://www.accessdata.fda.gov/drugsatfda\\_docs/label/2016/125276s107\\_125472s0181bl.pdf](https://www.accessdata.fda.gov/drugsatfda_docs/label/2016/125276s107_125472s0181bl.pdf)) .

2. Lippi G, Favaloro EJ, Mattiuzzi C. Combined administration of antibiotics and direct oral anticoagulants: a renewed indication for laboratory monitoring? Semin Thromb Hemost 2014;40(7):756-65.

3. PPUKM Covid Preprinted Medication Order Sheet , last updated 10/5/21

4. Micromedex 2021



**PPUKM DRUG FORMULARY  
NOW AVAILABLE ON :**



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**#TowardsZeroMed-Error**

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