

Attachment 4: MIGRAINE PROPHYLAXIS CRITERIA EXPLANATION FROM HID

The negating category reviews back 180 days for a 30 day supply.

There are several things that may be keeping this from hitting - we can fix them. The criterion is calculating the max dose for each drug.

1. The criterion is set to hit on patients getting over a 31 day supply in 90 days. Most pharmacist put small day supplies in for these drugs. This would keep patients from hitting because they don't exceed the day supply. I will lower it to 5 days if that is ok with you.

2. The dose limit value is set at 1.35 it could be lower. Most over use criteria are set at this value. We can lower it. A dose value of 1.0 is the max limit for a particular drug - if you exceed 1.0 you are exceeding the max. The closer you get to one the more false positives you can have.

3. The max dose for each of these drugs is reading off the FDB daily max dose. This would be fine if most patients took them daily and all pharmacists put in a standard day supply for each quantity. I suggest that instead of just using the daily max dose we do the following for each drug:

Use the number of headaches that are safely treated each month and the max dose for each drug and get a max dose for the day for that.

Example: Naratriptan 2.5 mg - Max 5 mg in 24 hour period
The safety of treating more than 4 headaches a month has not been established.

So, in 30 days treating 4 headaches with the max dose you use 8 tablets.
Our formula for max dose is:

Strength x quantity / Max Dose x Day Supply

$2.5 \text{ mg} \times 8 \text{ tabs} / 5 \text{ mg} \times 30 \text{ days} = 0.667 \text{ max dose value for 8 tablets/month}$

If a person gets a script for 9 tablets for 30 days:

$2.5 \times 9 = 22.5 = 1.12 \text{ Dose Limit Value}$
 $0.667 \times 30 = 20.1$

1.12 exceeds 1.0 so you are exceeding the max dose.

*The max dose calculation also includes a calculation for total days of drug use which may affect the dose value a little one way or the other. If a patient was prescribed a max dose or lower but he is getting early refills he may be exceeding the max dose - this additional calculation takes this into account.

If it is ok with you I will:

1. Change the day supply in 90 days from 30 to 5.
2. Change the dose limit from 1.35 to 1.1 (You may get some false positive but we can adjust it after you look at some hits.)
3. Change the max dose for each drug.