

# Fentanyl Transdermal Patch Physician Order Form

For patients NOT currently using patches

MAR Verified by: \_\_\_\_\_ Date/Time: \_\_\_\_\_

**Requirements for Use, based on FDA Black Box Warnings**

- History of persistent, moderate to severe CHRONIC pain (not acute pain for a short period of time OR surgical post-op patients).
- Requires history of CONTINUOUS, AROUND THE CLOCK opioid administration for an extended period of time.
- Pain cannot be managed by other means, such as non-steroidal analgesics, opioid combination products, or immediate-release products.
- Patient is opioid tolerant (60mg morphine, 30mg oral oxycodone, or 8mg oral hydromorphone daily or equianalgesic opioid dose or ONE WEEK OR LONGER).

If all the above requirements apply, please check this box.

If the above is read to physician by Pharmacist or RN, nurse please initial that physician is aware of requirements. \_\_\_\_\_

Please check box below for strength:

- Fentanyl (Duragesic) 12mcg per hr. patch every 3 days.
- Fentanyl (Duragesic) 25mcg per hr. patch every 3 days.
- Fentanyl (Duragesic) 50mcg per hr. patch every 3 days.
- Fentanyl (Duragesic) 75mcg per hr. patch every 3 days.
- Fentanyl (Duragesic) 100mcg per hr. patch every 3 days.
- Fentanyl (Duragesic) \_\_\_\_\_ mcg per hr. patch every 3 days.

**Fentanyl Transdermal Patch Dosing Calculation Chart**

Current Analgesic	Daily Dosage (mg/day)							
	60-134	135-224	225-314	315-404	405-494	495-584	585-674	675-764
Oral Morphine	60-134	135-224	225-314	315-404	405-494	495-584	585-674	675-764
IV/IM Morphine	10-22	23-37	38-52	53-67				
Oral Oxycodone	30-67	67.5-112	112.5-157	157.5-202				
Oral Hydromorphone	8-17	17.1-28	28.1-39	39.1-51				
Oral Codeine	150-447	448-747	748-1047	1048-1347				
IV Hydromorphone	1.5-3.4	3.5-5.6	5.7-7.9	8-10				
Oral Methadone	20-44	45-74	75-104	105-134				
IM Methadone	10-22	23-37	38-52	53-67				
<b>Recommended Fentanyl Patch Dose</b>	25mcg per hr	50mcg per hr	75mcg per hr	100mcg per hr	125mcg per hr	150mcg per hr	175mcg per hr	200mcg per hr

Fentanyl patch pharmacokinetics:

- Onset = 12-16 hours. Peak serum concentration: 24-72 hours after initial application. Offset = 50% in 17 hours after removal; skin continues to release fentanyl
- After several sequential 72 hour applications, patients reach and maintain a steady state serum concentration that is determined by individual variation in skin permeability and body clearance of Fentanyl.
- Very difficult to titrate. Provide breakthrough short-acting opioids.

Table above should not be used to convert from DURAGESIC to other therapies because this CONVERSION to DURAGESIC is conservative.

Use of TABLE above for CONVERSION to other ANALGESIC therapies can overestimate the DOSE of the new agent. Overdosage of the NEW ANALGESIC agent is possible.

Physician Signature: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_

Transcriber Signature: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_