Fentanyl

TFEN Fentanyl® Transdermal Patch 2.5mg/Patch (25mcg/hr)

ATC Code : N02AB03

中文名: 吩坦尼穿皮貼片劑 《管制藥品廠》

適應症: 麻醉性鎮痛劑。

藥理分類: Analgesic, Opioid; Anilidopiperidine Opioid.

用法用量: Note:

- 1. Fentanyl Transdermal Patch® may be administered to children (2~16 yr) who are **opioid-tolerant and** receiving morphine **at least 30mg daily**.
- 2. During initial application of transdermal patch, supplemental doses of other short-acting analyses may be needed for breakthrough pain.
- 3. If transdermal therapy is continued for **72 hrs**, apply a new transdermal system at a different site on the upper torso.

In opioid-naive patients:

Initially, 2.5 mg/patch every 72 hours on the skin, individualized.

In opioid-tolerant patients:

Convert the dose of equianalgesic potency.

Use the following steps to switch patients from oral/parenteral opioids to Fentanyl Transdermal Patch[®]:

1. Calculate the total oral morphine dose in the previous 24- hour.

Conversion ratio of oral morphine to parenteral morphine = 3:1(IV) OR 2:1(SC).

2. Convert this amount (mg/day) to the equianalgesic

Fentanyl Transdermal Patch® dose (mcg/hr) base on oral morphine 60 mg/day = Fentanyl Transdermal Patch® 25 mcg/hr (2.5 mg/patch).

3.During Fentanyl Transdermal Patch® therapy, provide oral morphine for breakthrough pain. This rescue dose is calculated to be 1/6 (or 5-15%) of the total daily dose of the fixed-schedule, with a maximum number of administration not exceeding 3 times daily.

不良反應: 換氣不足、噁心、嘔吐、便秘、低血壓、嗜眠、精神混亂、盜汗、幻覺、搔癢 感、尿滯留及局部皮膚反應。

交互作用: 併用其他中樞神經抑制劑及酒精性飲料,皆會加強其抑制作用。

注意事項: 1. 本劑限用於癌症疼痛之控制。

- 2. 本劑禁用於急性或手術後之疼痛處理。
- 3. 本劑應貼在未受刺激或受放射線照射的軀幹或上臂的平滑皮膚表面。
- 4. 原本使用短效 morphine 者,貼上貼片後繼續使用短效 morphine 12 小時;原本使用長效 morphine 者,於服用最後一劑長效 morphine 時貼上貼片。
- 5. 通常 72 小時更換一貼片,少數病患需 48 小時換一片;貼片撕除後仍會在皮膚上作用 24 小時。
- 6. 贴上貼片或移除貼片後僅能以清水洗手。
- 7. 使用者或照顧者須確實填寫使用紀錄單。
- 8. 將使用過貼片對折放入貼片藥袋內收集留存,於回診時連同記錄表,經醫師 簽章,並於領藥時繳回藥局。

懷孕期: 可能造成新生兒出現戒斷症狀。不建議使用本品,除非確實有必要。

授 乳 期: Fentanyl 會分泌至乳汁中,不建議授乳婦使用。

储 存: 室溫避光保存。

Administration:

- Apply to nonirritated and nonirradiated skin on a flat surface, such as chest, back, flank, or upper arm; apply to the upper back in patients with cognitive impairment. Hair at application site may be clipped (do not shave). If application site must be cleaned prior to application, clean site with clear water and allow to dry completely.
- Do not use damaged, cut or leaking patches; patch may be less effective.
- Do not use soaps, oils, lotions, alcohol, or any other agents to cleanse skin before application because they may irritate the skin or alter its characteristics.
- Immediately after removal from sealed package, **firmly press patch in place and hold for 30 seconds.**
- Wash hands immediately with soap and water after applying patch.
- Change patch **every 72 hours**; apply new patch to a different skin site. Contact with unwashed or unclothed application sites can result in secondary exposure to fentanyl and should be avoided.
- Avoid exposing application site to external heat sources (eg, heating pad, electric blanket, heat lamp, tanning lamps, hot tub, sunbathing, saunas, heated water beds).
- If there is difficulty with patch adhesion, the edges of the system may be **taped in place with first-aid tape.** If there is continued difficulty with adhesion, an adhesive film dressing (eg, Bioclusive, Tegaderm) may be applied over the system.