

藥品臨床使用劑量與適應症討論

用藥諮詢站的藥事照護操作

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心血管藥物

- n Doxazosin
- n Carvedilol
- n Propranolol
- n Amlodipine
- n Losartan
- n Isosorbide dinitrate
- n Atorvastatin

神經及精神科相關藥物

- n Chlorpromazine
- n Fluoxetine
- n Sulpiride
- n Imipramine
- n Gabapentin
- n Carbamazepine
- n Colchicine
- n OTHERS
- n Amoxicillin
- n Clarithromycin
- n Finasteride
- n Sildenafil
- n Fluconazole

Doxazosin - therapeutic use:

- n 高血壓
- n 鬱血性心衰竭
- n Cardiac syndrome X
- n 良性攝護腺肥大
- n 泌尿道排尿異常
- n 尿路結石
- n 診斷Erectile dysfunction

Doxazosin

- n Hypertension 1-16 mg qd
- n Benign prostatic hyperplasia : (extended release) 4-8 mg qd, MAX 8 mg/day (immediate release) maintenance, 1-8 mg qd

Carvedilol - therapeutic use:

- n 高血壓
- n 心絞痛
- n 心肌梗塞
- n 心衰竭- /or Nitrate tolerance
- n 心律不整
- n 心肌病 - Doxorubicin adverse reaction
- n Surgical procedure
- n Disease of liver

Carvedilol

- n 高血壓：initial, 6.25 mg bid; dose may be doubled every 1-2 wks; max 25 mg bid
- n 慢性心絞痛：25-50 mg bid
- n 心肌梗塞：initial, 6.25 mg bid; dose may be increase after 3-10 days to 12.5 mg bid, then again to target/max dose of 25 mg bid
- n 心衰竭：initial, 3.125 mg bid for 2 weeks; dose may be doubled every 2 wks to highest dose tolerated; max dose, < 85 kg, 25 mg bid ; > 85 kg, 50 mg bid

Propranolol

- n 高血壓：i -40mg bid, SR- 80 - 160mg/day qd
- n 慢性心絞痛：SR- 80-160 mg/day qd
- n 心肌梗塞：180-240mg/day
- n 心衰竭：30mg tid
- n 心律不整：10 to 30 mg daily
- n 動脈血管壁增厚：80 -160mg/day qd

Propranolol

- n 偏頭痛：i -80mg/day, SR- 80mg qd,- 160-240mg qd
- n 甲狀腺風暴：10mg qid
- n 抗焦慮：10 mg 1 h prior to event
- n 靜坐不能：20mg/day
- n 原發性顫抖：40mg bid (60-320mg/day)
- n Gastrointestinal hemorrhage：i -40mg bid

Amlodipine - therapeutic use:

- n Hypertension
- n Angina
- n Myocardial ischemia
- n Congestive heart failure
- n Raynaud's phenomenon
- n Disorder of cardiovascular system; Prophylaxis
- n Left ventricular hypertrophy
- n Pulmonary hypertension
- n Diabetic nephropathy
- n Kidney disease, Nondiabetic
- n Migraine; Prophylaxis

Amlodipine

- n 高血壓：5-10mg qd (老年人 or 肝臟功能不全 2.5mg qd)
- n 慢性心絞痛：10 mg qd
- n 心肌梗塞：10mg qd (併用 β blocker)
- n 心衰竭：5-10mg qd

Losartan - therapeutic use:

- n Hypertension
- n Atrial fibrillation; Prophylaxis - Hypertension
- n Heart failure
- n Cardiovascular event risk, Reduction
- n Diabetes mellitus
- n Gout
- n Hyperuricemia
- n Hepatic ascites; Adjunct -Portal hypertension
- n Impaired cognition
- n Raynaud's phenomenon

Losartan

- n 高血壓：50mg qd
- n 預防心血管事件：50mg qd (併有高血壓：100mg qd and/or Hydrochlorothiazide 12.5mg)
- n 糖尿病腎病變：50-100mg qd

Isosorbide Dinitrate

- n 心絞痛預防：i, initial 5 - 20 mg bid-tid; m, 10 - 40 mg bid-tid; a daily dose-free interval of at least 14 h is recommended
- n 心臟衰竭：30- 160mg/day in divided doses, Max 240 mg/day

Atorvastatin - therapeutic use

- n 預防心血管事件：10-20mg qd
- n 預防再次心血管事件：10-80mg qd
- n 高三酸甘油脂：10-20mg qd
- n 家族性膽固醇異常：10-80mgqd
- n PTCA：80mg 12 hours before plus 40 mg given 2 hours before

Chlorpromazine

- n 雙極性躁鬱症：25-50mg tid
- n 精神分裂症：50-400mg/day
- n 噁心嘔吐：10-25mg tid
- n High Dose therapy：1000mg/day

Fluoxetine

- n 20mg/cap.
- n 憂鬱症、強迫症：i: 20mg qd
- n 恐慌症：10mg-1st week, 20mg/day, max. 60mg
- n 神經性暴食症：60 mg qd

Sulpiride -Therapeutic Uses

- n 精神分裂症：200-400mg bid
- n 十二指腸潰瘍：50-100mg tid
- n 憂鬱症
- n 精神官能症
- n 妥瑞氏症
- n 遲發性異動症
- n 降低泌乳：50 mg bid-tid for 4 days to 4 weeks

Imipramine - therapeutic use

- n Depression
- n Panic disorder
- n Urinary incontinence
- n Pain
- n Bulimia nervosa
- n Sleep disorder

Imipramine

- n 25mg/tab.
- n 憂鬱症：100 mg /day; max. 300 mg/day
- n 恐慌症：100-200 mg/day(in1-3 doses)
- n 尿失禁：25 mg at bedtime, max.150mg

Carbamazepine

- n Epilepsy：200 mg bid for the first week, may increase dosage by 200 mg/day at weekly intervals (usual max.1000 mg/day (12-15 yr), 1200 mg/day (> 15 yrs), and up to 1600 mg/day (in adults)
- n 雙極性躁鬱症：200mg bid, max of 1600 mg/day
- n 精神性疾病：200 -400 mg/day (3- 4 doses), max 1600 mg/day
- n 神經痛：i 100 mg q12h, m 200-1200 mg/day

Gabapentin

- n 300mg/cap.
- n 部分性發作-輔助：300 mg tid; may up to 1800 mg/day
- n 皰疹後神經痛：300 mg on Day 1, 300 mg bid on Day 2, and 300 mg tid on Day 3; may up to 1800 mg/day (divided into 3 doses)
- n 糖尿病神經病變：900- 3600 mg/day (in 3 divided doses)

Colchicine -Therapeutic Uses

- n Cirrhosis of liver
- n Gout; Treatment and Prophylaxis
- n Psoriasis
- n Thrombocytopenic purpura, Immune or idiopathic
- n Vasculitis

Colchicine

- n 0.5mg/ tab.
- n Gout; Prophylaxis 1 tab. qd-bid
- n Gout：1-2 tab. at the first sign of a flare followed by 1 tab. one hr later

Amoxicillin

- n 500mg bid or 250mg tid
- n H. pylori GI infection：1g bid
- n Bacterial endocarditis; Prophylaxis :2 g 30 to 60 mins prior to procedure

Clarithromycin

- n Infection of skin &(or) subcutaneous tissue, Uncomplicated; CAP : 250mg bid
- n H. pylori GI infection : 500mg bid

Fluconazole -Therapeutic Uses

- n 150mg/cap
- n 癬病 : 150mg/week
- n 全身性念珠菌感染 : 200-800mg/day
- n 眼內念珠菌炎 : 6- 12 mg/kg/day for at least 4 -6 weeks

Finasteride -Therapeutic Uses

- n BPH : 5mg qd
- n Carcinoma of prostate; Prophylaxis : 5mg qd
- n Excessive hair growth : cyproterone acetate 2 mg and ethinyl estradiol 35 mcg plus finasteride 5 mg qd
- n Male pattern alopecia : 1mg qd

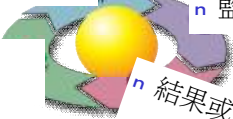
Sildenafil -Therapeutic Uses

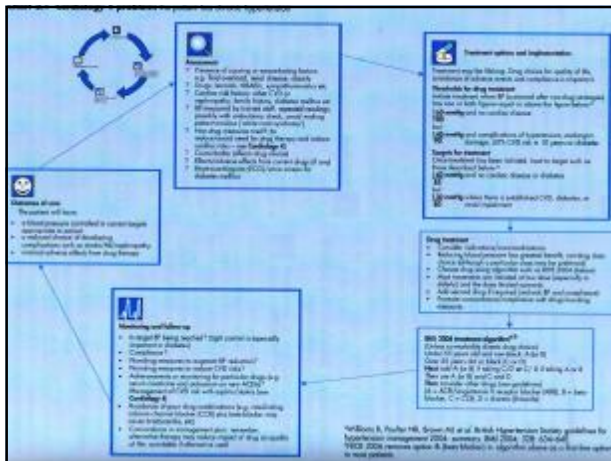
- n Erectile dysfunction : 25 - 100 mg (50 mg usual) 1 hr (range 0.5 to 4 h) prior to sexual activity.每日最多投藥一次
 - n patients on α -blockers should be on initiating sildenafil 25 mg
- n Pulmonary hypertension: 20 mg tid; 4-6 hr apart
- n FSAD : 25-50mg

用藥諮詢站的藥事照護操作-以高血壓為例

結合用藥諮詢與藥事照護的方法

提昇用藥諮詢的品質

- n 治療選擇及履行
 - n 評估
 - n 結果或成效
 - n 監測與追蹤
- 



自我評估諮詢回答的內容

- 長期血壓高會如何？
- 血壓的標準為何莫衷一是？
- 血壓值與器官保護有何關係？
- 血壓太低怎麼辦？
- 為什麼糖尿病或冠心病患的血壓值應控制的更低？
- 血壓高一定都先從非藥物治療開始監測嗎？
- 什麼時機該開始選用藥物治療？
- 除了藥品規律治療，生活上有什麼要注意的？
- 選用及併用藥物原則為何？
- 考量病人其他疾病時，如何建議高血壓病用藥？

Discussion