## Edinburgh Pain

# **Starting Duloxetine\*** Green for Go! Red for No! Start Duloxetine 30 mg am (check 1 &2) Increase dose as Are side-effects per 1 & 2 acceptable? Yes No No Is dose Has target controlling dose been No patient's reached? pain? Yes Yes Is pain still uncontrolled? Maintain Consider Dose & **Alternative adjuvant** Reassess e.g. Gabapentin/Pregabalin regularly (see algorithms) ! Uncontrolled Pain If patient still has uncontrolled pain, Is pain still discuss with uncontrolled? your Specialist Team

### <sup>1</sup>For younger patients and fit patients:

- Start 30mg am, Increase to 60 mg am at day 7
- Increase to 90 mg am at week 3 and
- 120 mg(60mg bd) at week 6
  - ! Remember to balance against side-effects

## <sup>2</sup>For frail/elderly/infirm:

- Start 20 mg am
- Increase to 30 mg at day 7,Increase to 60 mg at week 4
- Increase to 90 mg at week 8-12 (as tolerated)
- Only titrate to 120mg at week 16 if no side effects
  - ! <u>Seek</u> advice if duloxetine is not effective or side-effects prevent dose increases
- ! Drugs Contraindicated: Avoid using duloxetine in patients with uncontrolled hypertension, hepatic impairment, severe renal impairment (C CI<30ml/min)</li>

#### **Duloxetine Side Effects:**

Palpitations, dry mouth, GI upset, headache, somnolence, insomnia, agitation, anxiety, abnormal dreams, sweat changes, rash

Increased risk of bleeding with anticoagulants, NSAIDS, aspirin, anti-platelet drugs

Caution in bleeding disorders, epilepsy, history of mania or bipolar disorder, hypertension, arrhythmia, susceptibility to angle closure glaucoma, mild/mod hepatic impairment can decrease dose by 50%,

## If side-effects are intolerable:

- Exclude other causes for these symptoms
  they may <u>not</u> be due to Duloxetine
- Reduce to the last tolerated dose\* and/or stop the duloxetine
- Consider discussing with your Specialist Team
  - \*Consider a more gradual dose increase eg 20-40-50-60

#### Maintenance:

- Maintain dose when analgesic benefit achieved, usually achieved by minimum of 8 weeks if titration 1, minimum of 12 weeks if titration 2.If no analgesia achieved by 8 weeks on maximum tolerated dose, then titrate downwards with a view to stopping
- Continue to monitor patient tolerance
- Avoid abrupt withdrawal, stop over min of 1-2 weeks if on 30-60mg but 3-4 weeks if 60-120mg

\*If in doubt check BNF for drug interactions/contraindications