



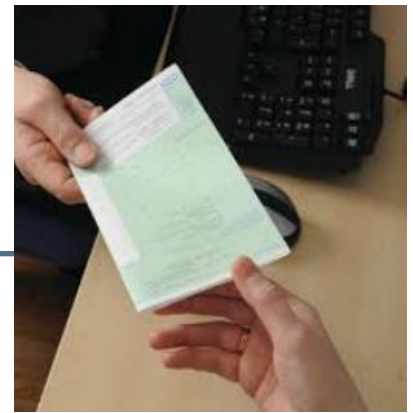
Reducing the risks with prescription opioids & gabapentinoids

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January 2019

Outline



- Background information
 - Appreciate lessons learnt from the US opioid epidemic
 - Understand why opioids have been used in chronic non malignant pain
 - Risks and benefits of opioids
 - Opioids Aware: key messages and content
 - Safety and opioids: what does a patient need to know?
 - Prescription opioids: recognising risk factors
- Opioid and gabapentinoid prescribing and deprescribing: sharing and learning from good practice
- How can a HCP promote and support self management within a consultation?
- Pain management: keeping your knowledge up to date, accessing education, training and resources

Prescription opioid deaths



CONTROLLED DRUGS NEWSLETTER

NHS
South Region
South West

SHARING GOOD PRACTICE IN THE SOUTH WEST

April 2017

SPECIAL EDITION – FAYE'S STORY

What can happen when things go wrong with prescribing for chronic pain – lessons that must be learned by all healthcare professionals

As told by her parents, Linda and Steve

Faye (right), when she was well



USA: Opioid misuse epidemic



thebmj

BMJ 2017;359:j4792 doi: 10.1136/bmj.j4792 (Published 2017 October 19) Page 1 of 2

Check for updates

EDITORIALS

Overprescribing is major contributor to opioid crisis

Surgeons in particular must change their behaviour

BMJ 2017;359:j4828 doi: 10.1136/bmj.j4828 (Published 2017 October 19) Page 1 of 1

Check for updates

EDITOR'S CHOICE

What we must learn from the US opioid epidemic

Fiona Godlee *editor in chief*

The BMJ

CNN politics 45 CONGRESS SECURITY THE NINE TRUMP/AMERICA STATE

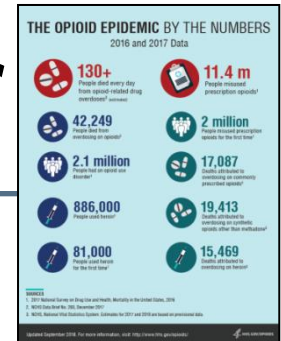
And speaking with reporters on the South Lawn of the White House on Wednesday, Trump said he would have a "very big meeting on opioids" on Thursday and will be declaring the opioid epidemic a national emergency "in the very near future."

Public health emergency vs. national emergency

Related Article: House panel threatens to subpoena DEA over pill dumping in West Virginia

The primary difference between the two designations is access to funding.

US opioid misuse epidemic



- 11% Americans (adults) experienced chronic pain (CDC 2016)
- Over prescribing of opioids has led to enormous societal problems in USA (Ballantyne 2012)
- National epidemic of opioid related overdoses, deaths and addictions (Volkow & McLellan 2016)
- **2016:** Overdoses involving opioids killed more than 42,249 people. 40% of those deaths were from prescription opioids (Hedegaard et al 2017)
- **2017:** 70,237 drug overdose deaths: Opioids were involved in 47,600 overdose deaths (67.8% of all drug overdose deaths) (CDC 2018)
- On average, 130 Americans die every day from an opioid overdose (CDC 2018)



Is the UK on the same slippery slope?

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'Unnecessary' painkillers could leave thousands addicted, doctors warn

Prescriptions for powerful opioid painkillers have doubled from 12m to 24m in past decade, NHS Digital figures reveal
 Prescription pain killers: share your stories with us



Prescriptions for the painkiller oxycodone rose from 187,391 to 1.5m over the past decade. Photograph: UIG

Accidental addiction to painkillers 'a public health crisis', says charity

As the number of dependent Britons is said to be soaring, experts criticise the lack of support for those struggling.

Sunday 20



Twelve million more pills are being prescribed than in 2007, charity Addiction Dependency Solutions say

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NHS accused of fuelling rise in opioid addiction

By David Rhodes
 BBC News

15 March 2018

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Evening Standard: March 2018

<https://assets.standard.co.uk/opioids/index.html>

1. Cost

- £263 million of tax payers money spent in England in 2017 on prescription opioids

2. Increase in prescriptions

- 90% prescribed by GPs' - GPs prescribe twice as many opioids as they did 10 years ago
- 90% of nearly 24 million opioids prescribed annually are for chronic non-cancer pain

3. Limited effectiveness

- 90% of opioids prescribed do not work for chronic non-cancer pain

4. Risks

- 300,000 people in the UK are said to be problem users



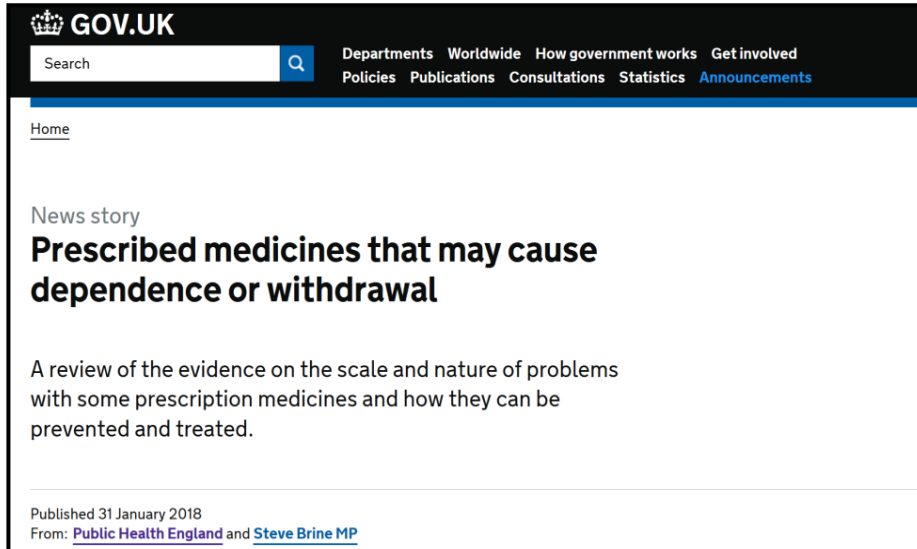
Overdose - prescription opioids



The number of people attending hospital with poisoning from opioids more than doubled to 11,000 between 2005-06 and 2015-16 (NHS Digital. Note: 2016-17 data provisional).

PHE: public-health focused review

Jan 2018



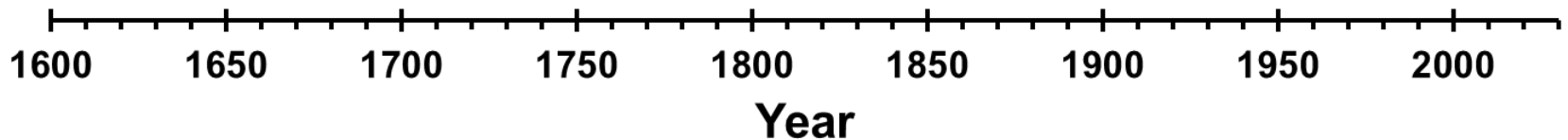
The screenshot shows the GOV.UK website header with a search bar and navigation links. Below the header, there is a 'Home' link and a 'News story' section. The main headline is 'Prescribed medicines that may cause dependence or withdrawal'. The sub-headline reads: 'A review of the evidence on the scale and nature of problems with some prescription medicines and how they can be prevented and treated.' At the bottom of the article preview, it states 'Published 31 January 2018' and 'From: [Public Health England](#) and [Steve Brine MP](#)'.

Included within the scope of the review are:

- adults (age 18 and over)
- medicines that may cause dependence and discontinuation syndrome:
 - opioids
 - gabapentinoids
 - benzodiazepines
 - Z-drugs
 - antidepressants

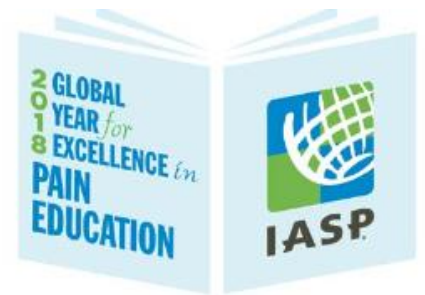
<https://www.gov.uk/government/news/prescribed-medicines-that-may-cause-dependence-or-withdrawal>

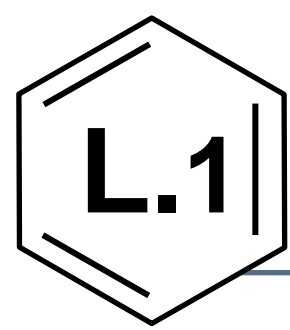
Why have opioids been used for chronic non-cancer pain?



Why have opioids been used for chronic non-cancer pain?

- Pain relief viewed as a basic human right- Pain as ‘the 5th vital sign
- Early emerging literature lead to a view that opioids may play a role in long term pain
- Significant pharmaceutical marketing
- Absence of guidance or direction about which opioids to use and to what dose
- Many patients ‘held/ still hold strong views’ that opioids are helpful
- Lack of access to non pharmacological strategies
- Traditional medications no longer in favour
- **The known gap between knowledge and clinical practice**



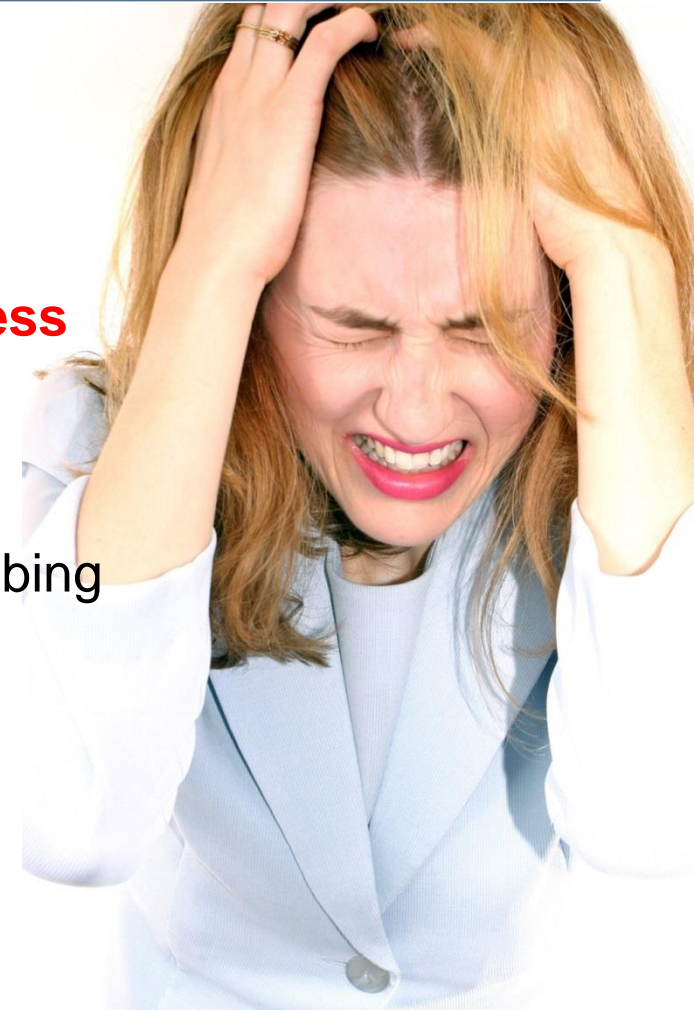


Why have opioids been used for persistent pain?

Stannard 2013

Because...

- People with persistent pain may exhibit **distress**
- **Distress** can lead to clinicians prescribe
- Persistent pain can be hard to treat so prescribing something strong is a tempting idea





L.2

Why have opioids been used for persistent pain?

Ballantyne and Sullivan 2015

Intensity of Chronic Pain — The Wrong Metric?

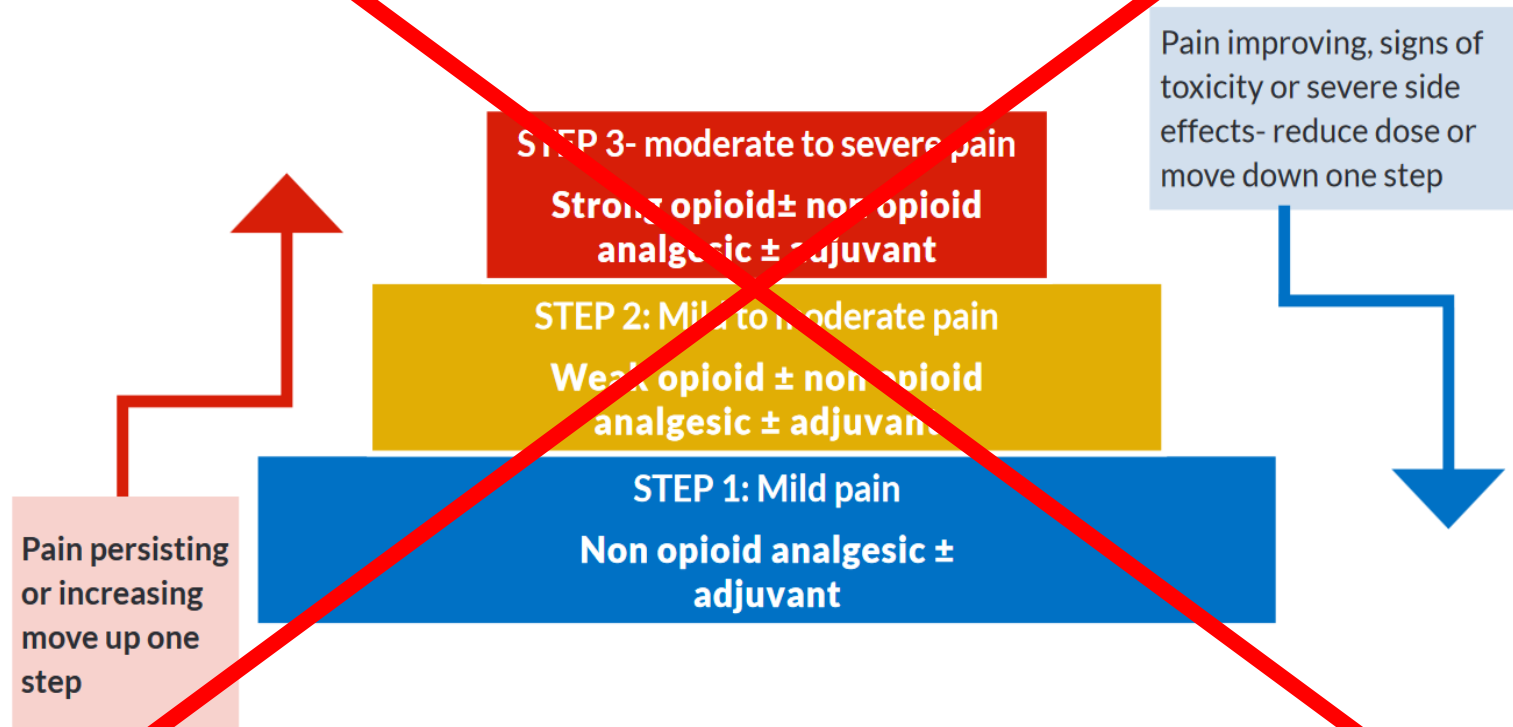
Jane C. Ballantyne, M.D., and Mark D. Sullivan, M.D., Ph.D.

- Pain intensity ratings do **not** necessarily reflect extent or severity of tissue damage.
- **Suffering** may be related as much to the meaning of pain as to intensity.
- Persistent helplessness and hopelessness may be the root causes of suffering for patients with chronic pain yet be reflected in a report of high pain intensity.
- **Inappropriate reliance on pain intensity** ratings tends to result in the use of opioid treatment for patients with mental health or substance abuse problems.

L.3

Chronic Pain & the WHO analgesic ladder

Diagram 1: WHO pain ladder



PresQuipp B 52 V2 2013

Opioids Aware

2015

The screenshot shows the Faculty of Pain Medicine website. At the top left is the Faculty of Pain Medicine logo. To its right is a search bar with the text 'Search www.rcoa.ac.uk' and a magnifying glass icon. Below the search bar is a button that says '< Back to the RCoA site'. A breadcrumb trail reads: 'Home > Faculty of Pain Medicine > Faculty Initiatives > Opioids Aware: A resource for patients and healthcare professionals to support prescribing'. The main heading is 'Opioids Aware: A resource for patients and healthcare professionals to support prescribing of opioid medicines for pain'. Below the heading is a Twitter icon and a paragraph of text: 'Good practice in prescribing opioid medicines for pain should reflect fundamental principles in prescribing generally. The decision to prescribe is underpinned by applying best professional practice; understanding the condition, the patient and their context and understanding the clinical use of the drug. This resource, developed by UK healthcare professionals and policymakers, provides the information to support a safe and effective prescribing decision.' To the right of this text is a dark blue box containing five numbered points. To the left of the main content is a navigation menu with various links. To the right of the main content are two sections: 'About the Resource' and 'Contents', each with a list of links.

Home > Faculty of Pain Medicine > Faculty Initiatives > Opioids Aware: A resource for patients and healthcare professionals to support prescribing

Opioids Aware: A resource for patients and healthcare professionals to support prescribing of opioid medicines for pain

Good practice in prescribing opioid medicines for pain should reflect fundamental principles in prescribing generally. The decision to prescribe is underpinned by applying best professional practice; understanding the condition, the patient and their context and understanding the clinical use of the drug. This resource, developed by UK healthcare professionals and policymakers, provides the information to support a safe and effective prescribing decision.

1. Opioids are very good analgesics for acute pain and for pain at the end of life but there is little evidence that they are helpful for long term pain.
2. A small proportion of people may obtain good pain relief with opioids in the long-term if the dose can be kept low and especially if their use is intermittent (however it is difficult to identify these people at the point of opioid initiation).
3. The risk of harm increases substantially at doses above an oral morphine equivalent of 120mg/day, but there is no increased benefit.
4. If a patient has pain that remains severe despite opioid treatment it means they are not working and should be stopped, even if no other treatment is available.
5. Chronic pain is very complex and if patients have refractory and disabling symptoms, particularly if they are on high opioid doses, a very detailed assessment of the many emotional influences on their pain experience is essential.

About the Resource

- > Purpose
- > Who will use this resource?
- > How to use this resource?
- > Trends in opioid prescribing
- > Professional, regulatory and public concerns

Contents

- > Best Professional Practice
- > The Condition, The Patient, The Context
- > Clinical Use of Opioids
- > A Structured Approach to Opioid Prescribing

www.rcoa.ac.uk/faculty-of-pain-medicine/opioids-aware

1. Opioids are very good analgesics for acute pain and end of life pain but there is little evidence that they are helpful for long-term pain.
2. A small proportion of people may obtain good pain relief with opioids in the long term if the dose can be kept low and use is intermittent, but it is difficult to identify these people at the start of treatment.
3. The risk of harm increases substantially at doses above an oral morphine equivalent of 120 mg/day, but there is no increased benefit.
4. Opioids should be discontinued if the person is still in pain despite using opioids, even if no other treatment is available.
5. A detailed assessment of the emotional influences on the person's pain experience is essential for people with chronic pain who also have refractory and disabling symptoms, particularly if they are on high opioid doses.

Opioids Aware: risk of adverse selection

Opioids Aware 2015

Adverse selection is where 'the most risky drug regimes are prescribed to the patients most likely to be harmed by them' Stannard 2018 BJA 120(6) 1148

Risk of running into problems with high dose opioids

Patient factors

- Depression/common mental health diagnoses
- Alcohol misuse/non-opioid misuse
- Opioid misuse

Drug factors

- High doses
- Multiple opioids
- More potent opioids
- Concurrent benzodiazepines/sedative drugs



Chronic pain and opioid effectiveness

IASP 2018



- **Chronic pain treatment strategies that focus on improving the quality of life, especially those integrating behavioural and physical treatments, are preferred.**
- IASP recommends caution when prescribing opioids for chronic pain.
- There may be a role for medium-term, low-dose opioid therapy in carefully selected patients with chronic pain who can be managed in a monitored setting. However, with continuous longer-term use, tolerance, dependence, and other neuroadaptations compromise both efficacy and safety.

<https://www.iasp-pain.org/Advocacy/OpioidPositionStatement>




FACULTY OF PAIN MEDICINE

of the Royal College of Anaesthetists

November 2018

Briefing Statement to Health Professionals on the Management of Opioid Medications



FACULTY OF PAIN MEDICINE
of the Royal College of Anaesthetists

Briefing Statement to Health Professionals on the Management of Opioid Medications

Key Messages:

There is an urgent need to:

- Screen and assess people on opioids.
- Make clinical decisions about opioid reduction and optimal pain management where appropriate.
- Identify the best clinical approach and place (GP surgery, hospital clinic, community pharmacy) for this to occur.
- Ensure that there are resources to deal with those patients captured by any screening process.
- Employ a corporate approach to manage those who are non-compliant (see 'Recommended Actions').

This should be proactively linked to interdisciplinary pain assessment and management to ensure best pain management through other strategies and treatments.

The required services need to be fully commissioned to support patients.

Introduction

There is considerable and continuing public concern related to an increase in the use of opioid painkillers in the United Kingdom. There is also professional and governmental concern regarding misuse of prescription medicines and the number of prescriptions of opioid analgesics. The backdrop are the serious public health concerns in the USA. This document sets out the issues and recommendations for action locally.


Opioids in Chronic non-malignant pain

Pain is the 5th vital sign and pain relief can be viewed as a basic human right. Opioids play a very important role in acute pain where there is a close relationship between pain and tissue damage. Examples of opioid use would be in Emergency Departments after trauma or following surgery. They are frequently considered the "Gold Standard" for such acute pain treatment.

In addition, opioids play an important role in the management of cancer pain and in the short to intermediate term for some other medical conditions.

The effectiveness of opioids in long-term chronic non-malignant pain is less clear. Ten to twenty years ago emerging literature led to a view that opioids may play a role in long-term pain. New opioid products and preparations were brought to the market with this in mind. While the evidence did not stretch into the long-term, it was recognised that it would be very difficult to undertake such long-term trials. Nevertheless, there was a strong clinical view that opioids were helpful in some patients not treatable by other methods which was logical given their known physiology.

1



...s for chronic non-malignant pain

...em at the time opioids began to be used for chronic pain was that there was an absence of ...rection about which opioids to use and to what dose.

...ew of the Faculty of Pain Medicine is that opioids do work for chronic pain in selected patients ...prehensive pain management plan. They should be used in low doses with dose monitoring ...ct. Dose escalation suggests that the pain is probably not opioid-responsive and the dose should ...wn. Doses above 120mg morphine equivalence per day should be considered high dose and are ...ncreasing risks to the patient. This might change as new information becomes available. Best ...keep the opioid dose as low as possible and the balance of dose-related risks and benefits should ...viewed.

...we are where we are

...has proven to be complex to assess, evaluate and manage. There is a lack of pain training at ...diate and postgraduate level yet most patients continue to be seen by doctors other than ...s. Lack of understanding that pain can be a disease in its own right rather than a symptom and ...of the WHO analgesic ladder has sometimes led to premature or inappropriate initiation of


...atters, when strong opioids began to be used for chronic pain, the experience of most medical ...or using opioids in the longer term related to their use in palliative care. In cancer patients, ...s of opioid would be commonplace together with the use of high doses for breakthrough pain. ...breakthrough doses were added to a daily maintenance dose and opioid doses would rise to ...d to be required for clinical effect.

...this clinical direction, many patients have strong views that opioids are helpful. They describe ...rse when medicines are reduced or omitted. However, it is concerning that many of these ...escribe having very high levels of pain, distress and disability. It is important to state that the ...medicines as prescribed without evidence of misuse but at doses that have higher risks. A ...m is that, if opioids are used by patients more frequently or at higher doses than originally ...occasionally happens due to limited responsiveness, the situation becomes increasingly difficult ...further opioids are not prescribed to fill the inevitable gap when the current opioid prescription ...usted at an earlier point, then acute withdrawal might occur meaning GPs are caught between ...ard place, a process that can lead to further escalation even when the aim was to reduce them. ...overuse of opioids is not recreational use but poorly controlled pain.

...have been very significant public health concerns in America regarding opioid related deaths. ...n transferred across to Europe. The position in the United Kingdom is different due to the ...hcare structures and particularly with individuals registered with one General Practitioner.

...e is a growing concern about the increase in use of opioid painkillers in the UK and whether ...y justified. Increase in opioid prescription could be attributed to an improvement in the ...and assessment of pain problems, but this is unlikely to be the full explanation. The Faculty of ...has been concerned by reports of prescriptions of opioids at high dose that are very unlikely ...clinical benefit. In addition, it is clear that the higher the dose then the higher the risk of side

2



...rison. The risks are also greater when other psychoactive medications are used, ...also increasingly clear that many patients who reach higher doses of opioids ...alating dose steps through recurrent tolerance with no significant effect on

...nderstanding of this issue is complicated by competing lobbies (with both ...al interests). One view focuses on their value while the second competing ...tion of an opioid epidemic. In this debate, emphasis must remain on the ...ain on individuals causing distress, disability and leading to huge societal costs. ...vide comprehensive interdisciplinary pain services must not be overlooked. The ...ic pain can only ever be part of a package of care. Deficiencies in the provision ...ered part of the problem resulting in a lack of availability of other treatments

...rugs in certain circumstances should not be ignored but, while recognising the ...appropriate knee jerk responses promoting widespread withdrawal. Opioid ...by patients, which are not replicated in other drugs and cannot be easily

...cognises the management of complex pain is not straightforward and with ...oped the "Opioids Aware Resource" for professionals and patients to enable ...oid medications. The resource has a dedicated area for patients, which they

...edications can improve the quality of life for tens of thousands of patients in ...complex pain. However, all healthcare staff need to ensure they are not doing

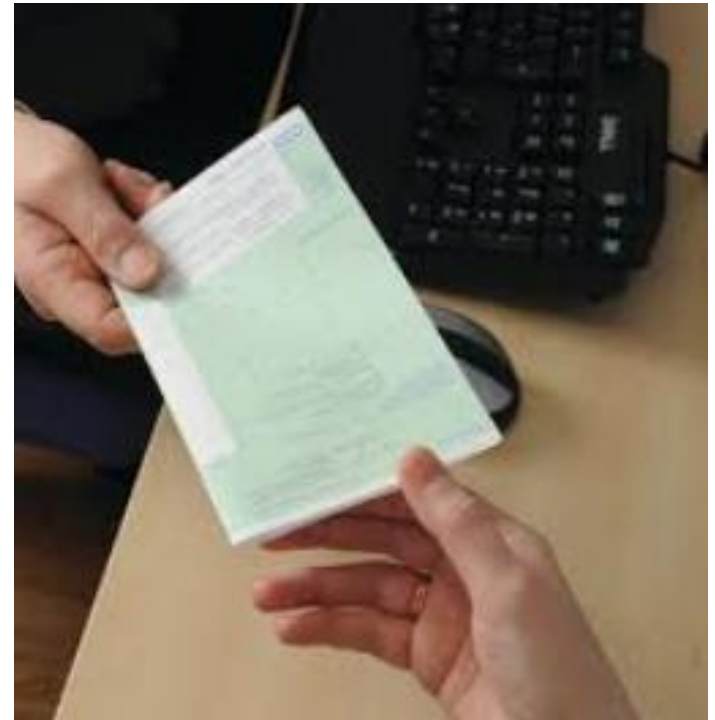
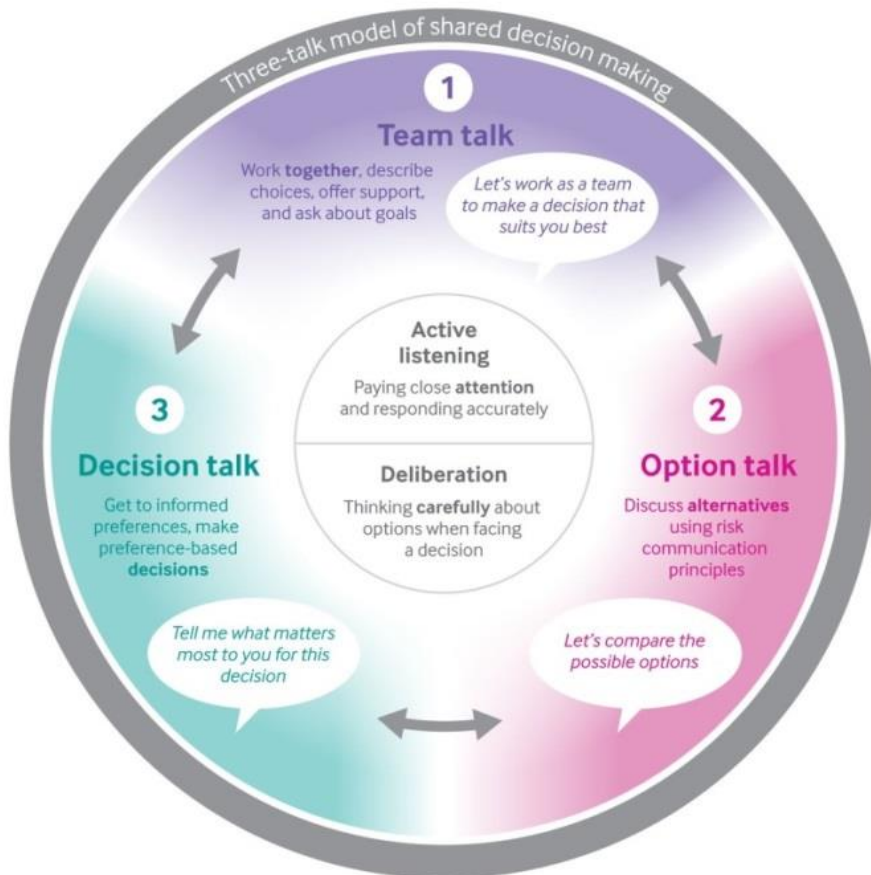
...in the prescription of opioids across the United Kingdom. Pain physicians ...act robustly in investigating, assessing and, where necessary, acting.

...in pain units. Currently, all patients attending a Pain Unit should have their ...oid doses, and advice given. A careful risk benefit analysis has to be ...sk of morbidity and mortality in reducing opioids. Increased pain or withdrawal ...bility. If the patient is well established on a dose that has not escalated for ...ved quality of life and significant reduction in pain, any opioid dose changes ...For most patients, opioid reduction can be done slowly in the community, but ...pharmacies should have the facility to work closely with support and advice ...necessary, jointly with addiction centres. Patients will also require support in ...ing their withdrawal ...table doses should always be the central aim.

3

1 <https://www.rcpa.ac.uk/node/21133>
2 <https://www.rcpa.ac.uk/node/21133>
3 <https://www.rcpa.ac.uk/node/21133>

Prescription opioids: effectiveness versus harm



Three-talk model of shared decision making, 2017.
Glyn Elwyn et al. *BMJ* 2017;359:bmj.j4891

Chronic pain and opioid effectiveness

In trials:

- Most medicines for long-term pain only benefit around one in every four or five people and on average only provide a 30% reduction in pain (Opioids Aware 2015).
- **Clinical practice: probably fewer than one in ten patients** prescribed opioids in real life....will be helped much at all, with benefit being modest at best but potentially life changing for the better when it occurs (Stannard 2018 BJA 120 (6) 1148).
- There is no particular type of pain that is more suitable for or responsive to opioid treatment (Stannard 2018).
- Short term efficacy does not guarantee long-term efficacy (Opioids Aware 2015) .

Opioid adverse effects & risks

Nausea or vomiting	Endocrine dysfunction	Overdose (risk is dose dependent)
Itching	Immune system	Misuse: 1.4-1.5 Abuse/diversion
Feeling dizzy/sleepy/ confused	Opioid hyperalgesia	Addiction (dependency) 1.10-1.11
Chronic constipation	Falls and fractures	Co-prescriptions with hypnotics & CNS depressants including alcohol
Weight gain	Road traffic accidents	Serotonin syndrome
Difficulty in breathing at night/respiratory depression	Neonatal abstinence syndrome	Refractory tolerance, when treating acute or end of life pain

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Browse complete drug monographs

Methotrexate
Methotrexate inhibits the enzyme dihydrofolate reductase, essential for the synthesis of purines... [More](#)

Indication and dose >
Unlicensed use >
Contra-indications, cautions and safety >
Interactions >
Side-effects >
Monitoring and screening >

Check drug doses

Methotrexate
Indication and dose

Severe Crohn's disease

by intramuscular injection

ADULT
Initially 25 mg once weekly until remission induced; maintenance 15 mg once weekly.

Maintenance of remission of severe Crohn's disease

Search for drug interactions

BNF - Interactions checker +

3 interactions between these drugs >

- Ciprofloxacin
- Methotrexate
- Phenytoin

Review drug interactions

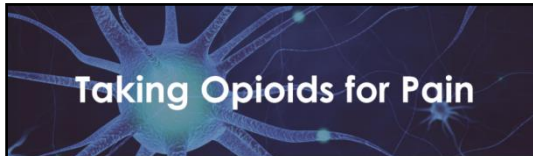
Interactions

Methotrexate + Phenytoin
antifolate effect of **methotrexate** increased by **phenytoin**

Ciprofloxacin + Phenytoin
ciprofloxacin increases or decreases plasma concentration of **phenytoin**

Ciprofloxacin + Methotrexate

Prescription opioids: patient information



Taking Opioids for Pain

How do opioids work?

Opioids provide pain relief by acting on areas in the spinal cord and brain to block the transmission of pain signals. Opioids provide pain relief by acting on areas in the spinal cord and brain to block the transmission of pain signals. Opioids are considered to be some of the strongest painkillers available and are used to treat pain after surgery, serious injury and cancer. Opioid drugs can help relieve pain but they can also be addictive.

How are opioids used?

Opioid medicines can be used in a number of ways.

When should I take them?

For continuous long-term use, you should take them at regular intervals, at the same time of the day, and so you can be very useful for managing your pain.

Information Leaflet

Ten Opioid Safety Messages

1. Ensure you know:
 - Why the opioid medicine is prescribed for you.
 - How long you are expected to take the medicine for.
 - How long the opioid medicine will be prescribed for.
 - How to use the opioid medicine and when to release and immediately have been prescribed to you.
 - Requirements for the medicine.

Driving and Pain
Information for Patients

FACULTY OF PAIN MEDICINE
of the Royal College of Anaesthetists

Driving and Pain
Guidance for Faculty of Pain Medicine Members

FACULTY OF PAIN MEDICINE
of the Royal College of Anaesthetists

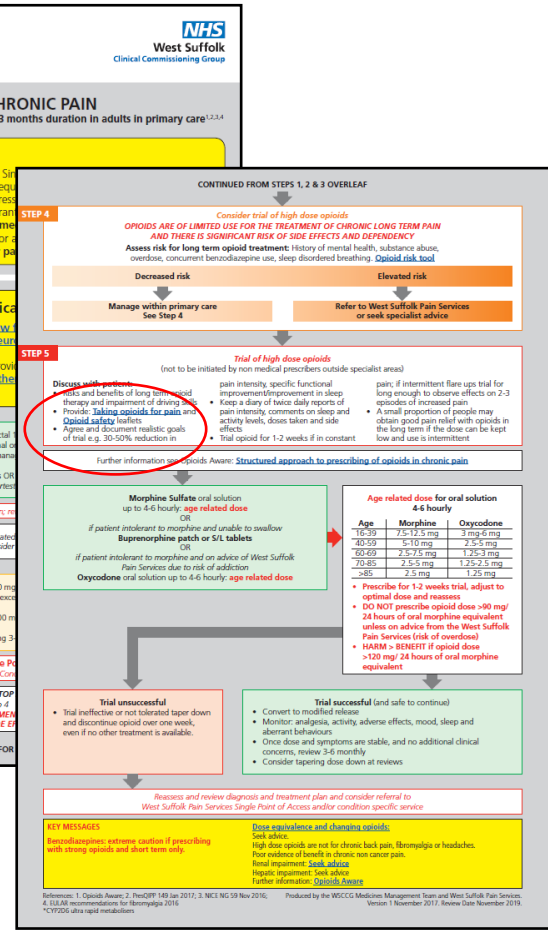
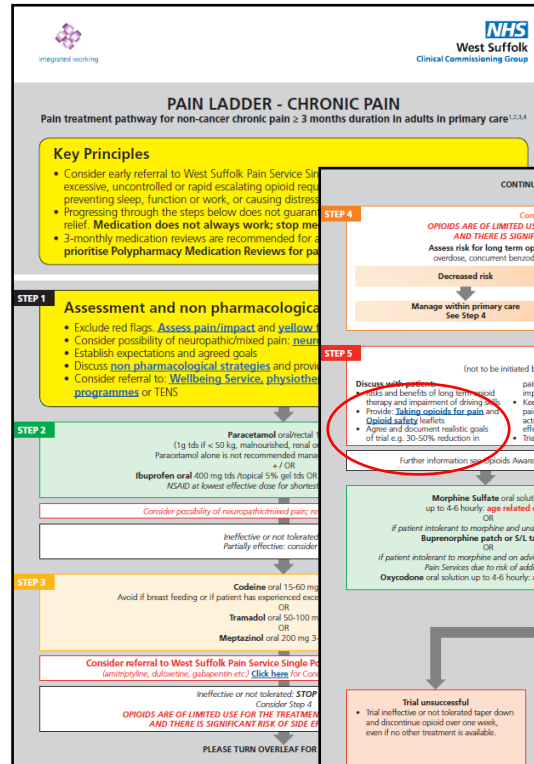
Introduction
Road traffic accidents remain a significant public health problem in the UK. In 2016 there were over 180,000 casualties resulting from driving accidents in Britain.¹ Despite a steady decline in deaths on UK roads (from a peak in 1966), around 1800 people a year still die in road accidents. This figure has remained largely unchanged since 2010. The top ten contributing factors that led to crashes that resulted in a death were: 'loss of control' and 'failing to look properly'.² There is also a strong link between fatal crashes and night-time driving, with such crashes much more likely to occur between the hours of 11pm and 6am.

Indeed, fatigue and tiredness may be a contributory factor in as many as 20% of all road accidents.³

Driving remains a complex dynamic task and chronic pain may affect a number of factors that influence driver performance. Pain conditions themselves may affect ability to drive, as may medications and co-morbid conditions. Driving safety depends on three integrated processes: perception, decision and reaction, and as such relies on eyes, brain and musculoskeletal systems working together.

This guidance summarises current understanding of the way in which chronic pain may affect driving, the effects of current legislation on pain doctors and patients, and how to advise patients on this topic.

The effect of pain on driving
Pain itself has the potential to affect driving performance through adverse effects on physical function and cognition. For example, musculoskeletal conditions can cause difficulty with the physical act of driving e.g. people with low back pain may experience difficulties using their pedals.⁴ Tests of 'on road' driving performance show that patients with chronic non-malignant pain perform poorly compared to matched healthy controls.⁵ When surveyed, 70% of chronic pain patients indicated that pain limited their driving in some way, with 43% experiencing either 'quite a bit of difficulty' or a 'great deal of difficulty driving'.⁶ The self-reported prevalence of difficulty performing basic safety manoeuvres such as checking for traffic by looking over the shoulder was 57%.



<https://www.westsuffolkccg.nhs.uk/clinical-area/prescribing-and-medicines-management/formularies-and-guidelines/>

Recognising the patient on high doses of opioids

	Prescription	Guesstimate of oral MED/d	Calculated dose of oral MED/d
1.	OxyCodone modified release 60 mg twice a day		
2.	Fentanyl transdermal patch 75 microgram hour		
3.	Buprenorphine transdermal patch 70 microgram an hour		
4.	Tramadol 100 mg four times a day		
5.	Buprenorphine 20 microgram an hour plus codeine 60 mg four times a day		

MED/d = Morphine equivalent dose / day

Approximate equi-analgesic potencies of opioids for oral administration

	Potency ration with oral morphine	Equivalent dose to 10mg oral morphine
Codeine phosphate	0.1	100mg
Dihydrocodeine	0.1	100mg
Hydromorphone	7.5	1.3mg
Methadone	*	*
Morphine	1	10mg
Oxycodone	2	5mg
Tapentadol	0.4	25mg
Tramadol	0.15	67mg

Transdermal Opioids

A. Buprenorphine

Transdermal buprenorphine changed at weekly intervals

	5 microgram/hr	10 microgram/hr	20 microgram/hr
Codeine phosphate (mg/day)	120mg	240mg	
Tramadol (mg/day)	100mg	200mg	400mg
Morphine sulphate (mg/day)	12mg	24mg	48mg

Transdermal buprenorphine changed every three or four days (twice weekly)

	35 microgram/hr	52 microgram/hr	70 microgram/hr
Morphine sulphate (mg/day)	84mg	126mg	168mg

B. Fentanyl

Fentanyl patch strength (microgram/hr)	Oral morphine (mg/day)
12	45
25	90
50	180
75	270
100	360
300	1120

<https://www.rcoa.ac.uk/faculty-of-pain-medicine/opioids-aware/structured-approach-to-prescribing/dose-equivalents-and-changing-opioids>

Recognising the patient on high doses of opioids

	Prescription	Guesstimate of oral MED/d	Calculated dose of oral MED/d
1.	OxyCodone modified release 60 mg twice a day		240 mg MED/d
2.	Fentanyl transdermal patch 75 microgram hour		270 mg MED/d
3.	Buprenorphine transdermal patch 70 microgram an hour		168 mg MED/d
4.	Tramadol 100 mg four times a day		60 mg MED/d
5.	Buprenorphine 20 microgram an hour plus codeine 60 mg four times a day		72 mg MED/d

MED/d = Morphine equivalent dose / day

Dose equivalence charts



integrated working



West Suffolk
Clinical Commissioning Group

OPIOID EQUIVALENCE, RISKS AND RECOMMENDATIONS¹⁻³

The information in the table below applies to non-cancer chronic pain in adults

OPIOID	Dose of stated opioid approximately equivalent in oral morphine equivalent dose/ day (MED/d)				
	Oral morphine < 50 mg per day	Oral morphine 50 - <100 mg per day	Oral morphine 100 mg per day	Oral morphine 120 mg per day	Oral morphine 200 mg per day
Oxycodone	<12.5 mg bd = <50 mg	< 25 mg bd = <100 mg	25 mg bd = 100 mg	30 mg bd = 120 mg	50 mg bd = 200 mg
Fentanyl transdermal patch	12 mcg/hr = 45 mg	25 mcg/hr = 90 mg	25 mcg/hr = 90 mg	50 mcg/hr = 180 mg	75 mcg/hr = 270 mg 100 mcg/hr = 360 mg
Buprenorphine transdermal patch	20 mcg/hr = 48 mg 10 mcg/hr = 24 mg	35 mcg/hr = 84 mg	35 mcg/hr = 84 mg	52 mcg/hr = 126 mg	70 mcg = 168 mg
Tapentadol	50 mg bd = 40 mg	100 mg bd = 80 mg	100 mg bd = 80 mg	150 mg bd = 120 mg	250 mg bd = 200 mg
Tramadol	50 mg qds = 30 mg	100 mg qds = 60 mg			
Codeine	60 mg qds = 24 mg				

RISK OF HARM

Patient factors: Pregnancy, age ≥65, anxiety or depression, overdose history, personal or family history of alcohol, substance/opioid misuse, renal and hepatic impairment, COPD or underlying respiratory conditions.

Drug factors: Multiple opioids, multiple formulations of opioids, more potent opioids, concurrent prescriptions of benzodiazepines/CNS depressants.

- Dosages ≥ 120 mg oral MED/d the risk of harm is substantially increased without increased benefit.
- Opioid related overdose risk is dose-dependent.
- Dosages of 50-<100 mg MED/d increases the risk for opioid overdose by factors of 1.9 to 4.6 compared with 1-<20 mg MED/d.
- Dosages ≥ 100 mg MED/d increases the risk of overdose significantly: 2.0-8.9 compared with 1-<20 mg MED/d.

DRIVING

- Patients may be particularly vulnerable to impairment when first starting a pain medication, following dose adjustments (up or down), when another drug is added or opioid taken in conjunction with alcohol.
- All opioid medicines have the potential to impair driving. A patient on high dose morphine (around 200-220 mg/ 24 hours) driving could be as impaired as someone with blood alcohol around the level above which it is illegal to drive. Alcohol and sedatives may impair driving at a lower morphine dose.

RECOMMENDATIONS

Undertake polypharmacy medication review, assess whether benefits outweigh risks and whether opioid trial goals are still being met. Consider opioid tapering and discontinuation.

There may be a role for medium term, low dose opioid therapy in carefully selected patients who can be monitored. Provide patient information leaflets.

References:

1. Opioids Aware 2. CDC Guidelines for Prescribing Opioids for Chronic Pain United States 2016, 3. IASP Statement on Opioids 2018

Produced by the WSCCG Medicines Management Team and West Suffolk Integrated Pain Management Service.
Version 1 March 2018. Review Date March 2020.

Dose equivalence calculator

Pain Management

West of Scotland Chronic Pain Education Group

[Guidance on Opioid Switching ...](#)

Enter 24-hour total doses below, then click the convert button to display 24-hour equianalgesic doses.

Morphine Oral mg
Codeine Oral mg
Dihydrocodeine Oral mg
Oxycodone Oral mg
Tramadol Oral mg
Hydromorphone Oral mg
Tapentadol Oral mg
Methadone Oral mg

Fentanyl SC mcg
Diamorphine SC mg
Alfentanil SC mcg
Hydromorphone SC mg
Oxycodone SC mg

Morphine IV mg
Fentanyl IV mcg

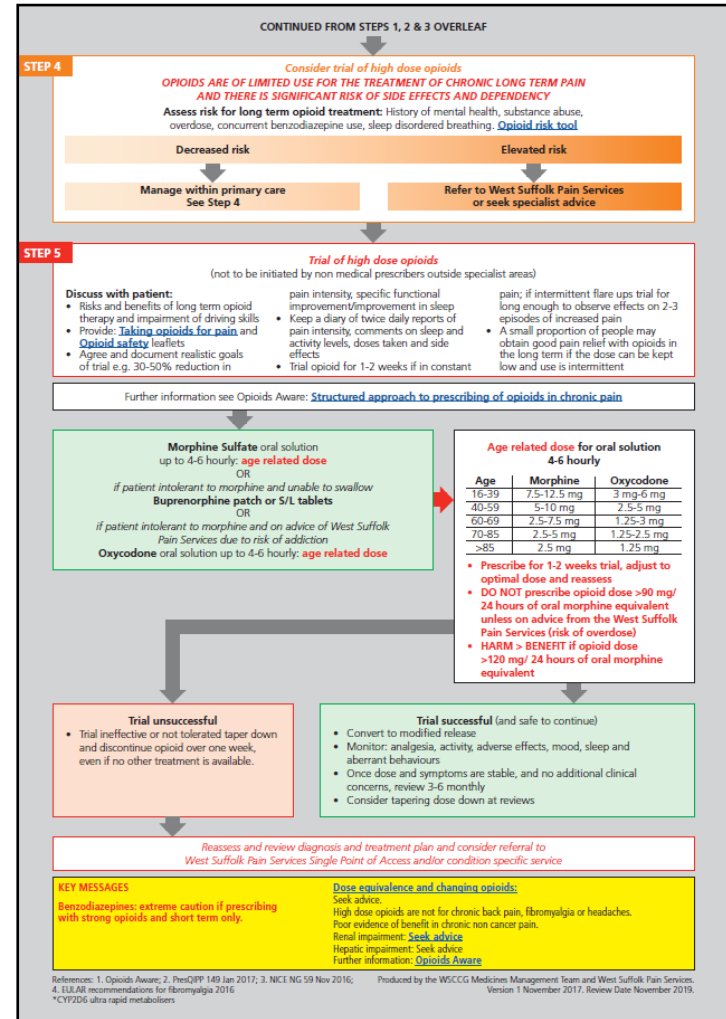
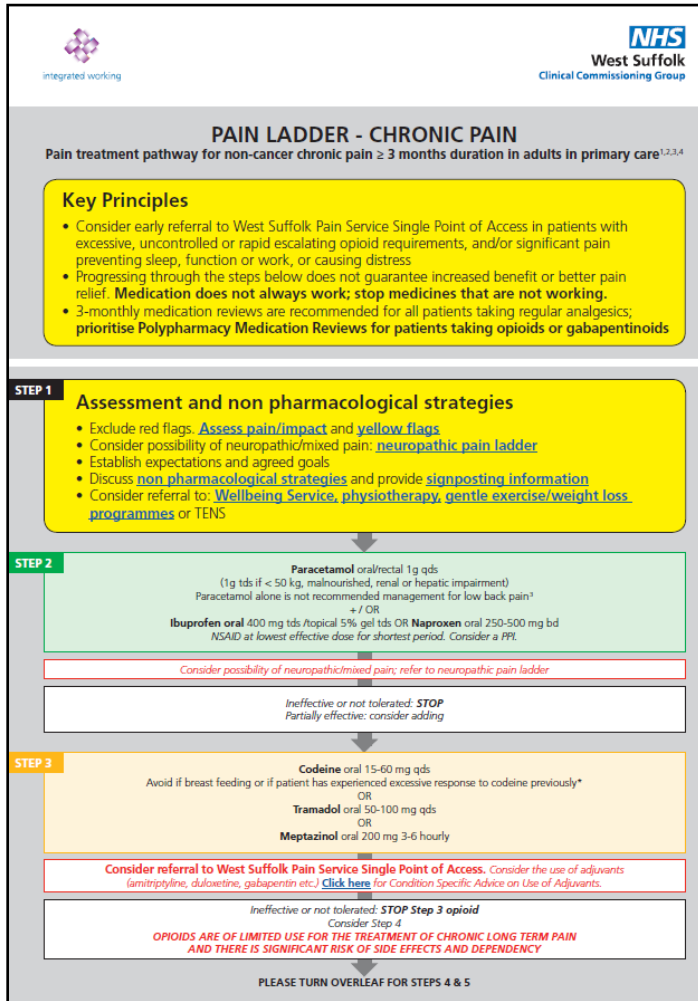
Fentanyl Patch mcg/h
Buprenorphine Patch mcg/h

Morphine Epidural mg

Morphine Intrathecal mcg

Recommended by NHS Scotland
<http://painedata.org/calculator.php>

Opioids and chronic pain: initiation trial and monitoring



NHS West Suffolk Clinical Commissioning Group

Opioid Tapering Resource Pack

This resource pack is designed to provide simple structured guidance and resources related to opioid tapering in adults with chronic non-cancer pain

- Opioid tapering for chronic non-cancer pain Page 1
- Opioid prescribing review guidance Page 2
- Template patient letter (destination for opioid review) Page 3
- Opioid tapering resources Page 4

Opioid tapering resource pack

NHS West Suffolk Clinical Commissioning Group

OPIOID TAPERING FOR CHRONIC NON-CANCER PAIN

Guidance for adults in primary care^{1,5}

Indications for opioid tapering and/or discontinuation

- Patient request
- > 120 mg oral morphine equivalent per day
- Opioid not providing useful pain relief
- Opioid trial goals not met
- Medical complications
- Overdose risk increased
- Opioids used to regulate mood
- Underlying painful condition resolves or stable for ≥3 months
- Side effects intolerable or impairs function
- Patient receives a definitive pain relieving intervention
- Strong evidence that the patient is diverting their medication
- Non adherence to treatment plan
- **Indicators for dependence**

Precautions: pregnancy, unstable psychiatric & medical conditions & opioid addiction

STEP 1 ASSESS RISK (Consider use of [opioid risk tool](#))

<p>Patient factors</p> <ul style="list-style-type: none"> • Depression, anxiety & history mental health • History of alcohol or substance abuse • History of opioid or prescription drug misuse • Inability to engage in services to meet educational and psychological health needs 	<p>Drug factors</p> <ul style="list-style-type: none"> • High doses > 120 mg oral morphine equivalent/day • Multiple opioids • Multiple formulations of opioids • More potent opioids • Concurrent benzodiazepines, gabapentinoids or sedatives
---	--

Further information: [Indicators for dependence](#)

← Lower risk → Higher risk →

Manage within Primary Care

Consider seeking specialist advice or refer to West Suffolk Pain Services

Consider referral at any stage to West Suffolk Pain Services single point of access for optimisation of non-pharmacological pain management strategies and for education & support for opioid tapering

STEP 2 Prescription Discuss with patient

- Risks and benefits of opioid tapering
- Agreed opioid tapering goals & plan and review appointments
- Not to miss or delay doses
- ↑ risk of overdose if a higher dose of opioid is taken following tapering as tolerance is reduced
- Frequency of tapering interval may be dependent on their control
- Provide **Opioid Tapering** written information

- Optimise non-opioid management of pain
- **Taper opioids first if co-prescribed benzodiazepines**
- Where possible consolidate all opioid medication into one single modified release preparation
- Prescribe regular doses and not PRN doses
- Keep daily dosing interval the same for as long as possible e.g. twice daily
- Fentanyl patches: see [Fentanyl Patches Tapering Guidance](#)

STEP 3 Rate of taper Discuss with patient

- A decrease by 10% of the original dose per week is usually well tolerated
- Tapering rate may vary according to response
- Completion of tapering is variable from weeks/months
- Once smallest available dose preparation is reached the interval between doses can be extended
- Prescriptions will not normally be renewed sooner than expected

Rate	Reduce 10% of the total daily dose every 1-2 weeks
Slower tapering	May be indicated for patients who are anxious, feel psychologically dependent on opioids or who have cardiorespiratory conditions
Faster tapering	May be indicated for patients experiencing significant adverse effects, displaying aberrant drug taking or drug seeking behaviours
One third of original dose is reached	Consider slowing the taper down to half of the previous rate if clinically indicated e.g. 5-10% every 2-4 weeks

PLEASE TURN OVERLEAF FOR STEP 4

NHS West Suffolk Clinical Commissioning Group

OPIOID TAPERING FOR CHRONIC NON-CANCER PAIN

Guidance for adults in primary care^{1,5}

CONTINUED FROM STEPS 1, 2 & 3 OVERLEAF

STEP 4 CLINICAL REVIEWS

- Frequency of review depends on rate of taper and degree of support required e.g. monthly if 10% drop every 1-2 weeks
- Ask about reduction in side effects, improvements in alertness, daily living, mobility and emotional well-being as well as withdrawal symptoms and **pain**
- Same prescriber to ideally review patient (telephone or face to face) prior to decreasing each dose

Successful tapering

Escalation of pain or worsening of mood
Discuss with patient:

- You will closely work with them to manage their pain and mood
- The importance of using **non-drug related pain management strategies**

Withdrawal symptoms
Discuss with patient:

- You will work closely with them to manage **withdrawal symptoms**
- Although withdrawal symptoms may occur during the tapering process and are unpleasant they are rarely medically serious
- Whilst most withdrawal symptoms settle within a few weeks some may persist for up to 6 months after discontinuation of opioids

- Hold the tapering dose. Avoid reversing the opioid tapering or adding in PRN opioids, sedatives, hypnotics especially benzodiazepines
- If patient has not received non-pharmacological education consider a referral to:
 - West Suffolk Pain Services
 - Wellbeing Services
- Consider use of **adjunctive pharmacological agents**

- Hold the tapering dose and consider whether tapering rate needs to be slowed down from weekly/two weekly to monthly adjustments
- Consider the use of a smooth muscle relaxant, antiemetic, anti-diarrhoeal agent, paracetamol and an NSAID
- Lofexidine, clonidine, tramidine: on advice by West Suffolk Pain Services: 01284 712528

- Not successfully reducing or evidence of escalation of opioids beyond prescription: consider referral to West Suffolk Integrated Pain Management Service Single Point of Access or Turning Point
- Patients who are unable to complete taper may be maintained (if clinically appropriate) on a reduced dose if treatment plan is being followed and improvement is seen with pain and function. Reattempt tapering in 3-6 months as dictated by patient and clinical factors

RESOURCES

Clinical advice required: West Suffolk Community Pain Service, Tel: 08452413313 option 6, WSH Pain Services: 01284 712528

Opioids Aware: [Dose equivalent tables and changing opioids](#)

Opioids Aware: [Opioids: Awaars tapering and stopping & identification & treatment of prescription opioid dependent patients](#)

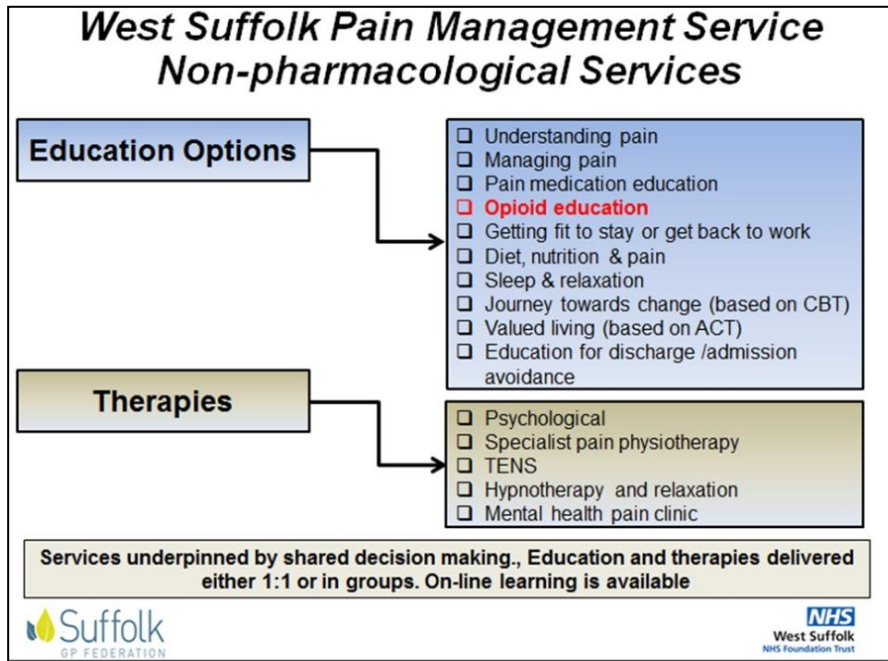
Opioids Aware: [Diagnosis of dependence](#)

DOH [Drug misuse and dependence UK guidelines on clinical management](#) (July 2017-minor revisions November 2017)

References:

1. Opioids Aware: <http://www.rcsa.ac.uk/faculty-of-pain-medicine/opioids-aware>
2. http://nationalpaincentre.mcmaster.ca/opioidsgp_3_vpp_012.html

Education and therapies



West Suffolk Pain Services: opioid education

Evidence/information

- Why have we used strong opioids for persistent pain?
- What lessons have we learnt from using opioids for persistent pain?
- Understanding risks and benefits of long term opioid therapy
- Exploring your risk factors for taking opioids
- What are the current recommendations for the use of opioids in persistent pain?
- Driving and opioids: what should I know?
- Improving the safety of taking opioids in pain: what can you do?

Opioid tapering

- Overuse of opioids: exploring common reasons
- What are the challenges and benefits of reducing opioids?
- Useful tips for reducing opioids
- Dose reduction or not: what are your options?
- Useful resources



Key resources

REVIEW

Where now for opioids in chronic pain?

Dr Cathy Stannard
Consultant in Complex Pain and Pain Transformation Programme Clinical Lead, NHS Gloucestershire CCG,
Sanger House, 5220 Vallant Court, Gloucester Business Park, Brockworth, GL3 4FE
Correspondence to Dr Cathy Stannard, cfstannard@aol.com

Watch Video
dtb.bmj.com

Key learning points

- ▶ Opioids are valuable in the management of acute pain, pain related to cancer and for pain management at the end of life.
- ▶ There is a lack of robust evidence on the benefit of long-term opioids in the management of chronic pain.
- ▶ Inappropriate use of long-term opioids in chronic pain is associated with serious adverse effects.
- ▶ The risk of harm from opioids increases significantly above a dose equivalent to 120 mg/day of oral morphine.
- ▶ In conjunction with the patient, regularly review the effect of opioid treatment and consider whether there is a need to reduce the dose or stop the opioid.

<https://dtb.bmj.com/content/56/10/118>

thebmj

BMJ 2018;362:k2990 doi: 10.1136/bmj.k2990 (Published 27 September 2018) Page 1 of 5

Check for updates

PRACTICE

UNCERTAINTIES

What interventions are effective to taper opioids in patients with chronic pain?

H Sandhu *associate professor and consultant¹ health psychologist in pain management¹*, M Underwood *professor, primary care research¹*, AD Furlan *associate professor of medicine²*, J Noyes *speciality trainee anaesthetics and pain research fellow³*, S Eldabe *professor, consultant in pain medicine³*

¹Warwick Clinical Trials Unit, Warwick Medical School, UK; ²Department of Medicine, University of Toronto, Canada; ³The James Cook University Hospital, Middlesbrough, UK

Medicines optimisation in long-term pain

NICE National Institute for Health and Care Excellence

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Medicines optimisation in long-term pain

Key therapeutic topic [KTT21] Published date: January 2017 Last updated: February 2018

Prescribing opioids for acute pain is associated with an increased likelihood of long-term opioid use. To minimise the initial opioid exposure, keep the duration of treatment as short as possible and the total dose as low as possible. This also minimises the risk of overdose and the likelihood of diversion/inappropriate use;¹ however, severe untreated acute pain may lead to the development of chronic pain.

1 GOAL

The goal for prescribing opioids in acute pain should be a tolerable level of pain that facilitates optimal physical and emotional function and avoidance of complications.

2 BEFORE PRESCRIBING OPIOIDS

- Undertake comprehensive assessment.
- Promote and optimise **non-pharmacological strategies** for acute pain.*
- Optimise non-opioid therapy when benefits outweigh risks to maximise analgesia and reduce opioid requirements.
- Exercise caution when prescribing opioids for older or debilitated patients.
- Consider and address underlying anxiety and depression.

Absolutely avoid

- Co-proxamol.^{2,3}

Avoid

- Compound analgesics.² Prescribing separately gives flexibility in both adjustment of doses and in the selection of most appropriate combination.
- Modified-release opioid preparations.⁴
- Oxycodone as first line.
- Co-prescribing medications with sedating properties, whenever possible. In particular, avoid co-prescribing with benzodiazepines due to increased risk of potentially fatal overdose⁵ and with gabapentinoids due to increased risk of CNS depression.^{6,7}

3 DOSE

- Refer to local acute pain guidelines.*
- Prescribe lowest effective dose of immediate-release opioid for the expected duration of the pain severe enough to require opioids.⁸
- Use age related dose if prescribing morphine or oxycodone.*
- Adjust dose for clinical factors such as renal or hepatic insufficiency and pain intensity.
- With prn opioids include maximum daily amount or frequency of doses.⁸
- Avoid making dose increases under pressure: A team decision for complex patients shares the load.

DURATION

- Each day of unnecessary opioid use increases the likelihood of physical dependence without added benefit.⁹

Prescribe

- For the expected duration of the pain severe enough to require opioids or until a follow-up appointment is scheduled. Duration of 3 days or less is usually sufficient. A duration of more than 7 days is rarely needed.⁹
- Aim to stop strong opioids commenced for post-operative pain within 7 days of surgery. Duration of opioid prescription post-surgery, not dose, is a more significant risk factor for subsequent opioid misuse.⁹
- Review diagnosis and treatment plan if severe acute pain continues longer than expected. Consider seeking advice.

Avoid

- Placing opioids on repeat prescriptions for acute pain - opioids should be a course of treatment with a definitive end date.
- Prescribing additional opioids in acute pain for the 'just in case' scenario.

4

PROVIDE PATIENT INFORMATION

- **Benefit and risks** of opioid therapy and alternative options.
- How to use opioids.
- **Driving impairment** and **opioid safety**
- Requirements for review and monitoring.
- How to taper and discontinue opioids.
- To take unwanted or unused opioids back to a community pharmacy or dispensary to minimise risks of diversion and inappropriate use.

5

REFERENCES

- ¹ Piro A and Covington M. (2018). *Dispositions of opioids in opioid-naïve patients*
- ² BNF (2018). <https://bnf.nice.org.uk/treatment-summary/analgesics.html>
- ³ NHS England (2017). *Items that should not routinely be prescribed in primary care: Guidance for CCGs*
- ⁴ Levy R, Mills R. (2018). *Controlled-release opioids cause harm and should be avoided in the management of post-operative pain in opioid naïve patients*. BJA. DOI: <https://doi.org/10.1016/j.bja.2018.09.005>
- ⁵ CDC. (2016). *CDC Guidelines for Prescribing Opioids for Chronic Pain—United States, 2016*
- ⁶ Public Health England. (2014). *Advice for prescribers on the risk of the misuse of pregabalin and gabapentin*
- ⁷ MHRA. (2017). *Gabapentin (Neurontin): risk of severe respiratory depression*
- ⁸ NICE NG 46. (2017). *Controlled Drugs: safe use and management*
- ⁹ Brat et al. (2018). *Post-surgical prescriptions for opioid naïve patients and association with overdose and misuse: retrospective cohort study*

FURTHER INFORMATION

*WSCCG *Acute Pain Ladder* or WSCCG *Chronic Pain Ladder*

Gabapentinoids



- The rate of patients newly treated with gabapentinoids has tripled from 2007 to 2017 in primary care.

By 2017

- 50% of gabapentinoid prescriptions were for an off-label indication.
- 20% of gabapentinoid prescriptions had a co-prescription for opioids.



PHE 2014

Advice for healthcare professionals:

- be aware of the risk of CNS depression, including severe respiratory depression, with gabapentin
- consider whether dose adjustments might be necessary in patients at higher risk of respiratory depression, including elderly people, patients with compromised respiratory function, respiratory or neurological disease, or renal impairment, and patients taking other CNS depressants
- report any suspected adverse reactions on a [Yellow Card](#)

Gabapentinoids



First option

- Amitriptyline, duloxetine, gabapentin or pregabalin as initial treatment (except trigeminal neuralgia).

Second, third and fourth option

- If the initial treatment is not effective or is not tolerated, offer one of the remaining 3 drugs, and consider switching again if the second and third drugs tried are also not effective or not tolerated etc. etc



Consider

- NSAIDs for LBP
- Weak opioids with or without paracetamol for management of acute LBP only if NSAID contraindicated, not tolerated or ineffective

Do not offer

- Paracetamol alone for LBP
- Opioids routinely for acute LBP
- Opioids for chronic low back pain
- SSRIs, SNRIs, TADs or **anticonvulsants** for LBP

See NICE CG 173 for management of sciatica

Gabapentinoid background and evidence



Gabapentinoid Prescribing for Chronic Pain in Primary Care - Resources for Clinicians and Boards v1.0

Quick Reference Guide (full resource available at: <https://www.therapeutics.scot.nhs.uk/pain/>)

Background & Evidence

Gabapentinoids, when used appropriately, have been shown to be effective for some patients in the management of neuropathic pain.

The table below ^[1] provides the number needed to treat (NNT) and number needed to harm (NNH) for both drugs. ^[2]

Drug	NNT	NNH
Pregabalin	7.7 (95% CI 6.5-9.4)	13.9 (95% CI 11.6-17.4)
Gabapentin	6.3 (95% CI 5.0-8.3) and 8.3 (95% CI 6.2-13) for extended release (ER) preparations	25.6 (95% CI 15.3-78.6) and 31.9 (95% CI 17-230) for ER preparations

* Gabapentinoids are **not** licensed for non-neuropathic pain, nor is there any evidence to support their use.*

Gabapentinoids will be reclassified class C controlled substances under section the Misuse of Drugs Act from April 2019^[3]

<https://www.therapeutics.scot.nhs.uk/wp-content/uploads/2018/11/Gabapentinoid-Quick-Reference-Guide-23112018-Final-v1.0.pdf>

Changing evidence base



- Gabapentin at doses of 1800 mg to 3600 mg daily (1200 mg to 3600 mg gabapentin encarbil) can provide good levels of pain relief to some people with post herpetic neuralgia and peripheral diabetic neuropathy. **Evidence for other types of neuropathic pain is very limited.**

RESEARCH

Anticonvulsants in the treatment of low back pain and lumbar radicular pain: a systematic review and meta-analysis

Oliver Enke MBBS MSc, Heather A. New MBBS MPH, Charles H. New MBBS, Stephanie Mathieson PhD, Andrew J. McLachlan PhD, Jane Latimer PhD, Christopher G. Maher PhD, C.-W. Christine Lin PhD

■ Cite as: *CMAJ* 2018 July 3;190:E786-93. doi: 10.1503/cmaj.171333

- **Moderate to high quality evidence that anti-convulsants are ineffective for treatment of LBP or lumbar radicular pain.**
- **High quality evidence that gabapentinoids have a higher risk of adverse effects.**

Gabapentinoids for neuropathic pain

WSCCG 2017

NHS
West Suffolk
Clinical Commissioning Group

PAIN LADDER - NEUROPATHIC PAIN (except trigeminal neuralgia)
Guidance on analgesic choice for non-cancer neuropathic pain in adults in primary care^{1,2,3}

Assessment and non pharmacological strategies

- Exclude red flags. Assess pain and impact: [DN4](#) & [RPS pain scales](#)
- Discuss benefits and risks of drug therapy, titration regimen and impairment to driving: [Patient medication leaflet](#)
- Agree realistic goals for treatment: 30-50% pain reduction and specific functional improvement/improvement in sleep
- Discuss [non pharmacological strategies](#) and provide [signposting information](#)

Refer at any stage including initial presentation if pain severe, pain significantly limits daily activities/sleep, underlying health condition deteriorates or significant distress - refer to West Suffolk Pain Services Single Point of Access and/or condition specific service

STEP 1	Prescribe	Starting dose	Increment	Total	Discontinuation
	Amitriptyline	10 mg oral nocte	Titrate weekly to an effective dose or max tolerated dose of < 75 mg oral nocte	6-8 weeks with at least 2 weeks at max tolerated dose	< 8 weeks treatment withdrawal effects unlikely > 8 weeks wear off over at least 4 weeks
Contra-indicated, ineffective or not tolerated					
STEP 2	Prescribe	Slow titration**	Fast titration	Total	Discontinuation
	Gabapentin: Potential for dependence, abuse and diversion STOP: Amitriptyline	Initiate: 100 mg oral nocte Increase: by 100 mg every 1-7 days to max dose 600 mg tds	Initiate: 300 mg oral nocte Increase: by 300 mg daily/every 2-3 days to max dose 600 mg tds	3-8 weeks with at least 2 weeks at max tolerated dose	Reduce dose by maximum rate of 300 mg every 4 days
Contra-indicated, ineffective or not tolerated					
STEP 3	Prescribe	Starting dose	Increment	Total	Discontinuation
	Duloxetine STOP: Gabapentin, and withdraw SSRI or TCA if taking	20-30 mg oral daily	- Increase to 60 mg daily when gabapentin dose is at least halved - If partial reponse titrate up to a max of 60 mg bd - After 8 weeks review efficacy. - If ineffective STOP	8 weeks	Over at least 1-2 weeks
Contra-indicated, ineffective or not tolerated					

Review diagnosis and treatment plan and refer to West Suffolk Pain Services Single Point of Access and/or condition specific service

KEY MESSAGES

****Slow titration:** identify/avoid or adverse effects with higher doses
Further prescriber information:
Seek advice on dose adjustment before prescribing to patients with renal or hepatic impairment
Tramadol: oral 50-100 mg 4 hourly, max dose in 24 hrs is 400 mg. Only use if acute nociceptive therapy required and not as other opioid. Long term use only on advice of West Suffolk Pain Services
Pregabalin: on advice from West Suffolk Pain Services
Capsaicin 0.075% cream: use sparingly up to 3-4 times daily, not more often than every 4 hours for localized pain if oral treatment is unsuitable
Lidocaine 5% medicated plaster: only for patients with Post Herpetic Neuralgia (PHN) in whom alternative therapies have been ineffective or contra-indicated, or those who have had phosphen, referred by the West Suffolk Pain Services for highly localized pain with a significant neuropathic component or palliative care. In PHN review efficacy after 2-4 weeks or review as per guidance from West Suffolk Pain Services.
Carbamazepine: only for trigeminal neuralgia.
Further information: [MCE LKS](#) or [SIC](#)
Once dose and symptoms are stable, and no additional clinical concerns, review 3-6 monthly

This guidance recommends certain drugs for indications for which there is no UK marketing authorization. The prescriber should follow relevant professional guidance, provide [patient information](#) and take full responsibility for the decision. Informed consent should be documented

References: 1. NICE Clinical Guideline 177: Neuropathic pain – pharmacological management (November 2013 updated Feb 2015); 2. Clinical Knowledge Summary: Neuropathic pain - drug treatment (last revised June 2010); 3. Prescriber Bulletin 119: Neuropathic pain: Pregabalin and gabapentin prescribing (January 2010)

Produced by the WSCCG Medicine Management Team and West Suffolk Pain Services
Version 11 November 2017. Review Date November 2019

- Gabapentinoids should be used only as part of a wider management plan
- **Hyperlinks** embeded within ladder
- Included trial and discontinuation guidance
- Pregabalin on advice from West Suffolk Pain Services
- Review patients 3-6 monthly

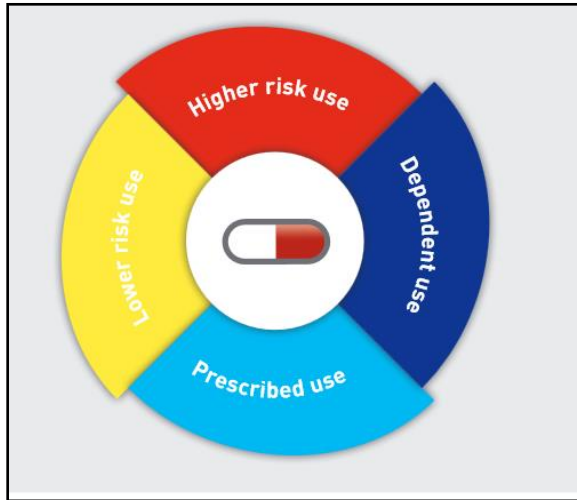
Some of the adverse effects & risks

(Adapted from Granger 2018)

Dizziness 24-31%	Ataxia
Somnolence 22%	Cognitive impairment including memory
Peripheral oedema	Depression /suicidal ideation
Weight gain 6%	Diversion/misuse/abuse
Dry mouth/blurred vision	Co-prescriptions with hypnotics & CNS depressants including alcohol
Sexual dysfunction Decreased libido 35% Erectile dysfunction 51% Decreased libido 35% Anorgasmia 35%	Death England and Wales 2016-165 deaths in England and Wales of which 147 involved an opioid (ONS 2017)

- Rate of adverse effects (AEs) are dose related which increases with higher doses
- No clear relationship between AEs to age

Misuse, abuse and dependent use



Positive effects	
Pregabalin	<ul style="list-style-type: none">Euphoria, lifted mood, giddiness, relaxation, increased motivation and lower inhibitions. ¹³ May be used to enhance the effects of heroin and reduce the amount of heroin needed. ¹²
Gabapentin	<ul style="list-style-type: none">Relaxation, calmness and euphoria. Some users have reported that the 'high' from snorting gabapentin can be similar to taking a stimulant. ¹⁴

Negative effects	
Pregabalin and gabapentin:	<ul style="list-style-type: none">Drowsiness, sedation, respiratory depression and death may occur when used in combination with other central nervous system depressants including opioids, antidepressants, antihistamines, tranquilisers and alcohol. ^{12,13}Physical dependencies, illegal diversion, misuse and abuse.
Pregabalin	<ul style="list-style-type: none">Chest pain, wheezing, swelling of extremities, weight gain, thirst, clumsiness, muddled thoughts, dizziness and drowsiness, sedation, vision changes and, less commonly, hallucinations. ^{12,13}

High risk patients

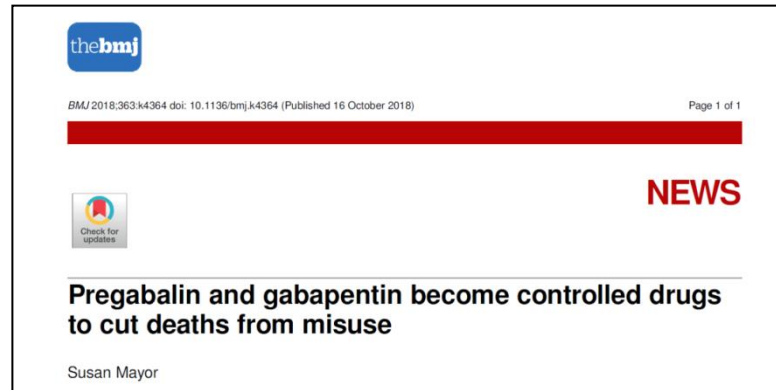
Assessment of the balance between benefits and risk essential

- History of substance misuse
- Request for initiation of gabapentinoids following liberation from prison services
- Specific request for initiation of gabapentinoids
- Repeated early prescription requests
- Repeatedly lost prescriptions
- Contact out of hours services for supplies of medication

- http://www.publichealth.hscni.net/sites/default/files/Pregabalin%20Guidance%20Booklet%20A4%20Final%20Web_0.pdf
- <https://www.therapeutics.scot.nhs.uk/wp-content/uploads/2018/11/Gabapentinoid-Quick-Reference-Guide-23112018-Final-v1.0.pdf>

Gabapentinoid reclassification

(2018)




- Gabapentinoid to be placed under Schedule 3 of the Misuse of Drugs Regulations 2001 and Class C of the Misuse of Drugs Act 1971 from April 2019

Patient information

- Why: illicit drug use (dependency, misuse or diversion) increased in deaths.
- It is illegal to possess controlled substances without a prescription or to sell or otherwise supply them to others.
- Prescriptions of pregabalin and gabapentin will be limited to 30 days' treatment, and repeat prescriptions will not be issued. Any prescription received must be dispensed within 28 days.

Pregabalin and gabapentin withdrawal summary guidance

WSCCG 2019



NHS
West Suffolk
Clinical Commissioning Group

Pregabalin and Gabapentin: Withdrawal Summary Guidance for NON-CANCER pain in adults in primary care

Pharmacologic therapy should not be considered a long term management strategy

How often to review

- At least monthly, as an absolute priority, for patients with a history of misuse or if recently released from prison¹
- 8 weeks after initiation²
- At least every 3 months if co-prescribed with opioids
- Every 3-6 months for all other patients³

[Assess effectiveness, tolerability, adverse effects and adherence](#)

Indications for trial withdrawal

- After two months of relative improvement in pain following stabilisation on treatment
- Every 6 months for patients on long term treatment
- If poor response to treatment
- Where gabapentinoids are being prescribed for pain outside their licensed indication, e.g. for non-neuropathic pain (unless recommended by the West Suffolk Integrated Pain Management Service)
- On request of patient
- If side effects are intolerable
- If there is evidence of diversion or non-adherence to treatment
- If patient is pregnant, breastfeeding or planning to conceive (unless the benefits to the mother outweigh the potential risk to the foetus or baby)

Drug	Reduction schedule
Gradual dose taper allows observation of emergent symptoms that may have been controlled by the drug.	
Gabapentin (total daily dose > 900 mg)	Reduce total daily dose by 300 mg every 10 days (range 7-14 days) ⁴
Gabapentin (total daily dose ≤ 900 mg)	Reduce total daily dose by 100 mg every 10 days (range 7-14 days)
Pregabalin	Reduce total daily dose by 50-100 mg every 10 days (range 7-14 days) ⁵
Warn patients of risk of overdose or death if a higher dose of pregabalin or gabapentin is taken following tapering as tolerance is reduced	

Unsuccessful withdrawal

- If complete withdrawal of treatment is not successful, continue on the last dose in the reduction regimen at which pain was tolerable and discuss long term goals and non-pharmacological management. Consider referral to West Suffolk Integrated Pain Management Service and/ or condition specific service. Re-attempt tapering in 3-6 months as dictated by patient and clinical factors.

Patient Support Available


- Patient Information Leaflet: [Gabapentinoid Reduction](#)
- Clinical advice via: West Suffolk Integrated Pain Management Service. Tel: 01284 712528 or 0845 241) 3313 (option 6)

References and resources:

- PresQIPP. 2016. Bulletin 119. Neuropathic pain. Pregabalin and gabapentin prescribing. January 2016
- WSCCG. 2017. Pain ladder-chronic pain. Pain treatment pathway for non-cancer chronic pain ≥3 months duration in adults in primary care. 2017.
- NHS England recommendations. 2014. Advice for prescribers on the risk of misuse of pregabalin and gabapentin. Dec 2014
- CKS. 2018. Neuropathic pain – drug treatment. (Last revised November 2018)
- NHS Scotland. 2018. Gabapentinoid prescribing for chronic pain in primary care. Quick reference guide.
- NHS Scotland. 2019. Gabapentinoid prescribing for chronic pain in primary care. Resources for clinicians and boards. Scottish Government and NHS. 2018.
- Quality prescribing for chronic pain. A guide for improvement. 2018-2021.

Produced by: WSCCG Medicines Management Team in collaboration with West Suffolk Integrated Pain Management Service. Final version 1. January 2019. Review: January 2021.

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NHS
West Suffolk
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Patient Information Leaflet Gabapentinoid Reduction

What are gabapentinoids?
Gabapentinoids are drugs such as gabapentin or pregabalin, which may be prescribed to help manage neuropathic (nerve) pain. Neuropathic pain is a type of pain that occurs when the nerves become very sensitive and send too many pain signals. Common symptoms of neuropathic pain include pins and needles, burning or shooting pain and/or feeling pain when being touched. These symptoms may be present all of the time or come and go.

Why should I reduce the amount of gabapentinoid medication that I take?
You should reduce the amount of gabapentinoid medication that you take if advised to do so by your GP. Although gabapentinoids may be beneficial about these by reading the leaflet to your GP.

To reduce side effects and the risks, your GP will help you to check:

- Whether you are still experiencing
- Whether the gabapentinoid needs
- Whether you are experiencing any

How should I reduce my gabapentinoid?
Your GP will tell you what to do. Do not stop faster than once a week, unless advised.

Please see table overleaf for your individual plan

How will any withdrawal symptoms be managed?
Withdrawal symptoms can be unpleasant symptoms that you may experience are a withdrawal symptoms may occur while you do not reduce further. Stop on the stop before reducing further. Reducing at withdrawal effects. If symptoms continue pain specialist.

Warning:
Withdrawal symptoms sometimes can be dangerous. There is also a risk of overdose following dose reduction as tolerance is reduced.

What should I do if pain increases?
If you experience an increase in pain then dose that you have reduced to and increase under supervision, e.g. stretching, pacing of activities.

If the increased pain does not settle then lower dose that controls your pain. Your GP will help you.

Produced by: WSCCG Medicines Management Team in collaboration with West Suffolk Integrated Pain Management Service. Final version 1. January 2019. Review: January 2021. Modified from work by: Alford

What is my individual plan?
This is shown in the table below:

Current gabapentinoid:				
Morning dose:				
Midday dose (if applicable):				
Evening dose:				

Your gabapentinoid reduction plan

	Date	Morning dose	Midday dose (if appropriate)	Evening dose
Changes				
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				
11				
12				

Key points

- Do not reduce faster than once a week unless suggested by your GP or Pain Specialist Team
- If you would like to slow down or speed up the tapering process, discuss this with your GP
- Do not go back to a higher dose of gabapentin or pregabalin after your dose has been reduced unless your GP tells you to. Going back to a higher dose can be very dangerous.

Produced by: WSCCG Medicines Management Team in collaboration with West Suffolk Integrated Pain Management Service. Final version 1. January 2019. Review: January 2021. Modified from work by: Alford

THE BEST OF HEALTH FOR WEST SUFFOLK



Integrated working



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Pregabalin and Gabapentin: Withdrawal Summary Guidance for NON-CANCER pain in adults in primary care

Pharmacologic therapy should not be considered a long term management strategy

How often to review

- At least monthly, as an absolute priority, for patients with a history of misuse or if recently released from prison¹
- 8 weeks after initiation¹
- At least every 3 months if co-prescribed with opioids
- Every 3-6 months for all other patients²

[Assess effectiveness, tolerability, adverse effects and adherence](#)

Indications for trial withdrawal

- After two months of relative improvement in pain following stabilisation on treatment
- Every 6 months for patients on long term treatment
- If poor response to treatment
- Where gabapentinoids are being prescribed for pain outside their licensed indication, e.g. for non-neuropathic pain (unless recommended by the West Suffolk Integrated Pain Management Service)
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- If side effects are intolerable
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Drug	Reduction schedule
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Unsuccessful withdrawal

- If complete withdrawal of treatment is not successful, continue on the last dose in the reduction regimen at which pain was tolerable and discuss long term goals and non-pharmacological management. Consider referral to West Suffolk Integrated Pain Management Service and/ or condition specific service. Re-attempt tapering in 3-6 months as dictated by patient and clinical factors.

Patient Support Available

- Patient Information Leaflet: [Gabapentinoid Reduction](#)
- Clinical advice via: West Suffolk Integrated Pain Management Service. Tel: 01284 712528 or 0845 241) 3313 (option 6)

Pregabalin and gabapentin withdrawal summary guidance: withdrawal symptoms



Withdrawal symptoms:

- anger and irritability
- nausea and stomach cramps
- anxiety and panic
- restlessness
- sweating
- suicidal thoughts
- poor concentration
- sleep problems
- aches
- chills
- crying spells
- feeling like a zombie, unreal
- diarrhoea
- dizziness
- tiredness
- headaches
- hot flushes

Not everyone who is dependent on Pregabalin will experience significant withdrawal symptoms. Some do and they may experience quite a few of the above. We will discuss how to reduce the chances of these unpleasant symptoms later.

- Incidence and severity of withdrawal symptoms may be dose and speed of reduction related (PHE 2014, Granger 2018, SPC 2018).
- Several case reports of serious withdrawals requiring hospitalisation or intensive therapy (Granger 2018).
- Gradually reduction advised to minimise symptoms of withdrawal and allow assessment of response (NHS Scotland 2018) .

http://www.publichealth.hscni.net/sites/default/files/Pregabalin%20Guidance%20Booklet%20A4%20Final%20Web_0.pdf

Gabapentinoids: Key resources and quick reference guide

Gabapentinoid Prescribing for Chronic Pain in Primary Care – Resources for Clinicians and Boards v1.0
Quick Reference Guide (Full review available at: <https://www.therapeutics.scot.nhs.uk/gabap>)

Background & Evidence

Gabapentinoids, when used appropriately, have been shown to be effective for some patients in the management of neuropathic pain. The table below³⁰ provides the number needed to treat (NNT) and number needed to harm (NNH) for both drugs.³¹

Drug	NNT	NNH
Pregabalin	7.7 (95% CI 6.5-9.4)	13.9 (95% CI 11.6-17.4)
Gabapentin	8.3 (95% CI 5.0-13) and 8.3 (95% CI 6.2-11) for extended release (ER) preparations	25.6 (95% CI 15.3-78.8) and 33.9 (95% CI 17-280) for ER preparations

Gabapentinoids are not licensed for non-neuropathic pain, nor is there any evidence to support their use. Gabapentinoids will be reclassified class C controlled substances under section the Misuse of Drugs Act from April 2019³²

Side Effects & Risks

Common side effects include dizziness, drowsiness and balance issues. With gabapentin, there have also been issues of respiratory depression, although this is not common. Caution should be shown when initiating gabapentin in patients with compromised respiratory function or neurological disease, renal impairment, and/or concomitant use of CNS depressants. Elderly people might be at higher risk of severe respiratory depression.^{33,34} Drug related deaths in Scotland involving gabapentin and pregabalin have risen from 2 in 2009, to 22 in 2016.³⁵ Public Health England advice states: Professionals prescribing pregabalin and gabapentin should be aware not only of the potential benefits of these drugs for patients, but also that the drugs can lead to dependence and may be misused or diverted.³⁶

Choice of Therapy

^{37,38,39} recommends amitriptyline or gabapentin as first line medicine in neuropathic pain, dependent on clinical preference and patient factors (including the risks below). Pregabalin is an alternative in patients who have found no benefit from, or not tolerated, amitriptyline or gabapentin. Patients' aims for pharmacological treatment should be discussed using the 'What matters to you?' approach. The Risk Concern Navigator Tool can be used to support discussion and enable the patient to be a partner in making decisions about their care. See full resource for further information. Realistic aims may include pain reduction (e.g. 30%) and/or functional goal improvement.⁴⁰

Refining the Correct Dose

The following principles may be useful in the process of determining the correct dose for a patient:

- A titrated approach is recommended, accounting for patient characteristics, e.g. elderly, renal impairment, breast feeding, etc.
- Gabapentin: Start 300mg at night. Titrate upwards by 300mg per week. Evidence suggests a minimum of 1200mg is needed but doses may need to be increased to the maximum of 3600mg.
- Pregabalin: Start 75mg twice daily. Titrate up to a maximum of 300mg twice daily. Manage according to side effects and clinical effectiveness.
- Regular review should be scheduled, particularly during the initiation phase, with first review within 4 weeks.
- A trial of dose reduction/cessation should be undertaken, following a period of stability.
- Stopping up should be closely monitored. Dispense daily or weekly in high-risk patients
- Aim to maintain patients on the minimum dose which controls pain
- Where patients fail to engage with review, or there is no or insufficient effect in 2 months, consider gradual dose reduction and stopping

<https://www.therapeutics.scot.nhs.uk/wp-content/uploads/2018/11/Gabapentinoid-Quick-Reference-Guide-23112018-Final-v1.0.pdf>


<https://www.therapeutics.scot.nhs.uk/pain/>



<https://www.omicsonline.org/open-access/gabapentinoids-for-chronic-pain-do-the-harms-outweigh-the-benefits.pdf>

Supporting self-management

It is recommended that health care professionals (HCPs) should work with patients to develop:

1. Their understanding of chronic pain.
2. The value of self-management and non-pharmaceutical approaches.
3. Supportive strategies to enable people to access the tools, resources and support available to put these approaches in to practice.



PAIN LADDER - CHRONIC PAIN
Pain treatment pathway for non-cancer chronic pain ≥ 3 months duration in adults in primary care^{1,2,4}


Key Principles

- Consider early referral to West Suffolk Pain Service Single Point of Access in patients with excessive, uncontrolled or rapid escalating opioid requirements, and/or significant pain preventing sleep, function or work, or causing distress
- Progressing through the steps below does not guarantee increased benefit or better pain relief. Medication does not always work; stop medicines that are not working.
- 3-monthly medication reviews are recommended for all patients taking regular analgesics; prioritise Polypharmacy Medication Reviews for patients taking opioids or gabapentinoids

STEP 1 Assessment and non pharmacological strategies

- Exclude red flags. Assess pain/impact and yellow flags
- Consider possibility of neuropathic/mixed pain: neuropathic pain ladder
- Establish expectations and agreed goals
- Discuss non pharmacological strategies and provide signposting information
- Consider referral to Wellbeing Service, physiotherapy, gentle exercise/weight loss programmes or TENS

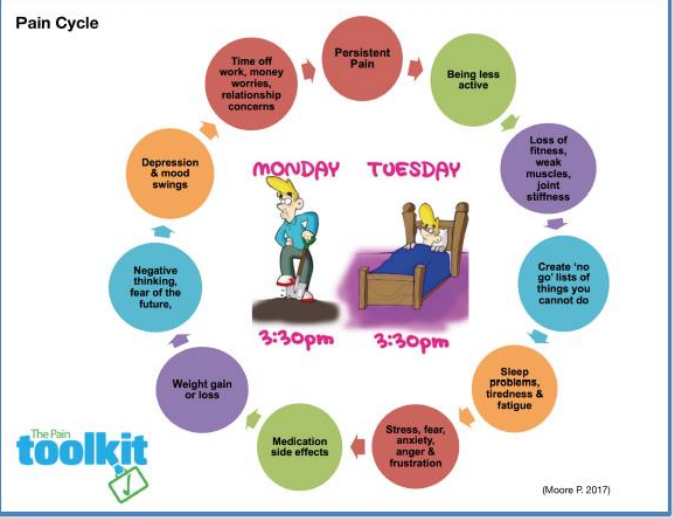
Non-pharmacological hyperlinks

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**PERSISTENT PAIN: SUPPORTING SELF-MANAGEMENT
CLINICIAN'S QUICK GUIDE**

Pain Cycle



The Pain toolkit

(Moore P. 2017)

Step 1


- Discuss with patient the impact of pain - see pain cycle above
- Explain: persistent pain / reassure

Step 2


- Enable access: to resources/tools to increase knowledge & skills
- Assess: patient's confidence to self-management

Step 3

- Self referral: One Life Suffolk, Physiotherapy, Wellbeing
- Refer: West Suffolk Pain Services Single Point of Access

PLEASE TURN OVER FOR RESOURCES AND TOOLS 

Produced by the WSCCG Medicines Management Team and West Suffolk Pain Services. Version 1 November 2017. Review Date November 2019.

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**PERSISTENT PAIN: SUPPORTING SELF-MANAGEMENT
CLINICIAN'S QUICK GUIDE**

STEP 1: Resources to explain persistent pain

[Understanding pain and what to do about it in less than 5 minutes](#) - You tube for patients.

[Retrain Pain](#) - Free course. 8 short modules which provide a scientific approach to understanding persistent pain through clear diagrammatic illustrations and key messages.

STEP 2: Resources/tools for patients

[Signposting information](#) - Local and national signposting information for patients with persistent pain.

[Pain tool kit slide set](#) - Power point presentation that introduces the pain tool kit.

[Pain Toolkit](#) - Simple guide that provides some handy tips and skills to help patients understand and manage their pain better. Available in hard copy, app, and an animated video. Website contains useful links for both patients and professionals.

[Patient information leaflets](#) - Wide selection of information leaflets to help patients to manage persistent pain. Leaflets can be printed via the Pain Service link.

[Musculoskeletal self-help information](#) - Online information and exercises developed by Allied Health Professionals Suffolk.

[Understanding and managing long-term pain-information for patients](#) - British Pain Society publication. Members of the public can request a free hard copy by contacting the BPS secretariat on 0207 269 7840 or info@britishpainsociety.org

[Overcoming chronic pain](#) - A self-help guide using cognitive behavioural techniques. This book on prescription can be borrowed from the library.

Resources for clinicians

[Introducing the toolkit](#) -You tube demonstrating how to introduce the pain toolkit during consultation.

[Professional section on the Pain Toolkit website](#) - On line information that explains how to use the persistent pain cycle with patients. Website also has extensive selection of resources for clinical practice.

[Live Well with Pain](#) - A website that provides support to clinicians to increase their confidence and skills in enabling people to live well through both self-management and effective medication use. Launch date Nov 2017.

Produced by the WSCCG Medicines Management Team and West Suffolk Pain Services. Version 1 November 2017. Review Date November 2019.

Steps to promote and support self-management

Step 1

- Discuss with patient the impact of pain - see pain cycle above
- Explain: persistent pain / reassure

Step 2

- Enable access: to resources/tools to increase knowledge & skills
- Assess: patient's confidence to self-management

Step 3

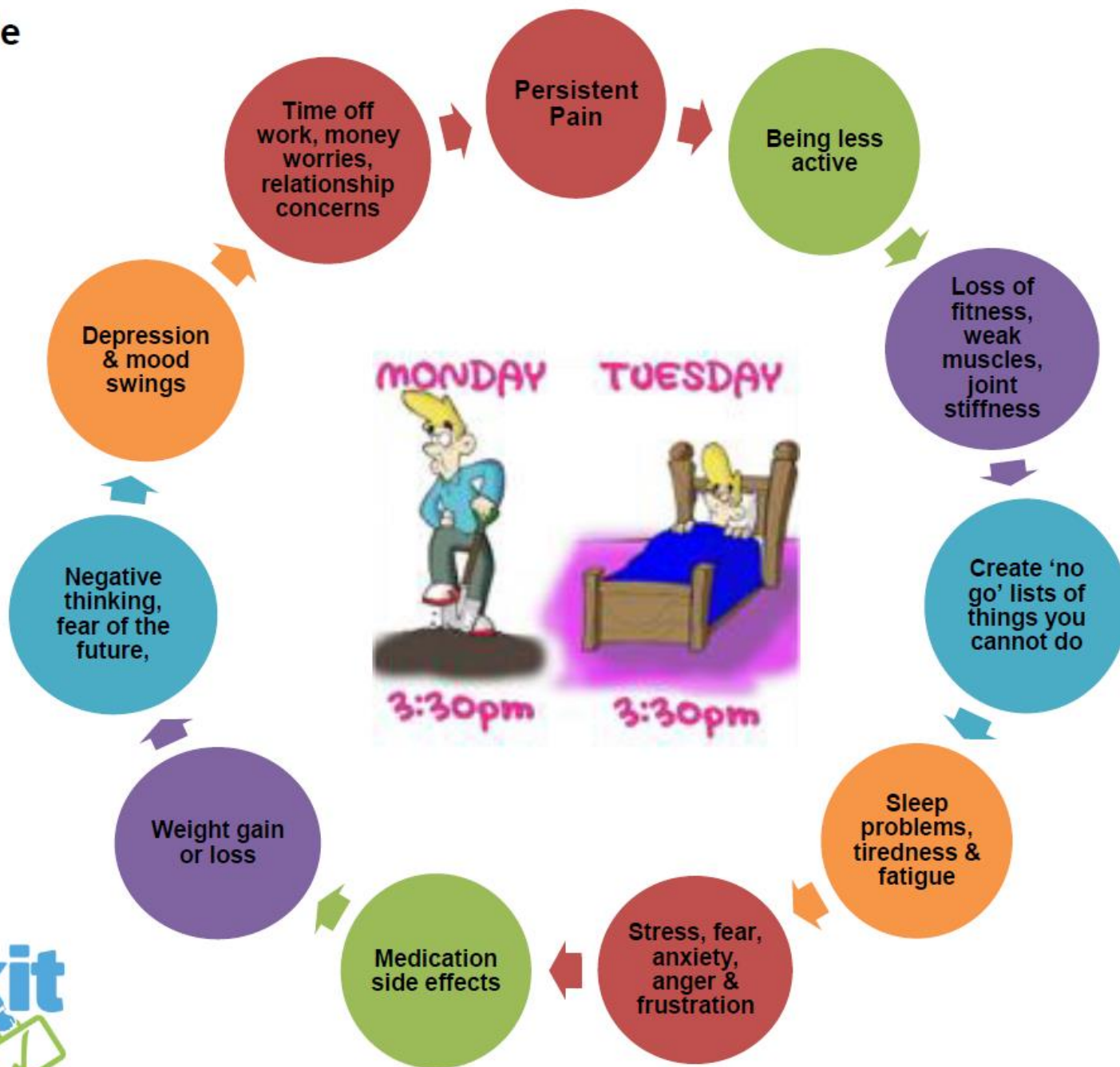
- Self referral: One Life Suffolk, Physiotherapy, Wellbeing
- Refer: West Suffolk Pain Services Single Point of Access

PLEASE TURN OVER FOR RESOURCES AND TOOLS



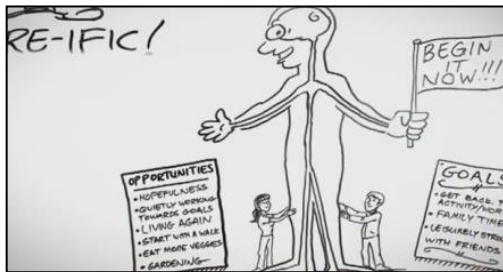
Produced by the WSCCG Medicines Management Team and West Suffolk Pain Services. Version 1 November 2017. Review Date November 2019.

Pain Cycle



Step 1: Explain pain

Australian video:



Understanding pain and what to do about it in less than 5 mins

UNDERSTAND PAIN

8 lessons (one minute each)

Lessons open in new window

< >

1. Why do we feel pain?
2. What causes persistent pain?
3. A simple metaphor
4. The elephant in the room
5. Strange pain and magic in the brain

Step 2: Resources/tools

West Suffolk Pain Management Service
Persistent Pain: Supporting Self-Management
 Useful Information and Resources for Patients & Carers

LOCAL ORGANISATIONS

- Allied Health Professionals: <http://ahpsuffolk.co.uk> or tel. 03330433860
- Healthy walks or exercise on referral: jackie.chubb@backcare.nhs.uk or 01204 757491
- West Suffolk Chronic Pain Support Group: www.chronicpainsupportgroup.co.uk or tel. 01724 151774
- Suffolk Carers: www.suffolk-carers.org.uk or telephone 01473 835477
- Suffolk Wellbeing Service: www.readytochange.org.uk/SuffolkPages/Home.aspx or tel. 02001231781
- One Life Suffolk: <http://one.lifesuffolk.co.uk> or tel. 01473 718193
- Suffolk Independent Living: www.suffolkindependentliving.org.uk or tel. 01473 603276
- Turning Point: www.turningpoint.org.uk or tel. 01264 765554

STEP 1: Resources to explain persistent pain

- Understanding pain and what to do about it in less than 5 minutes: You tube for patients. <https://www.youtube.com/watch?v=RW1MKUwv4s>
- Retrain Pain: Free online course. Short modules which provide a scientific approach to understanding persistent pain through clear diagrammatic illustrations and key message <https://www.retrainpain.org>
- Explaining Pain. Understanding more about your persistent pain and how it affects your life: <http://my.livewelltheaan.co.uk/>

STEP 2: Key Resources/tools

- Persistent pain: supporting self-management. Useful information and resources for patients and carers. <http://www.suffolk.gov.uk/wp-content/uploads/2017/08/Support-Information-for-patients-and-carers.pdf>
- Pain tool kit slide set. Power point presentation that introduces the pain tool kit. https://www.paintoolkit.com/media/uploads/downloads/12_Pain_Toolkit_Tools.ppt
- Pain Toolkit. Simple guide that provides some handy tips and skills to help patients understand and manage their pain better. Available in hard copy, app, and an audio Website contains useful links <https://www.paintoolkit.org>
- Patient information leaflets. Wide selection of information leaflets to help patients manage persistent pain. Leaflets can be printed via the Pain Service link <http://www.wsh.nhs.uk/Patient-and-carers/Patient-information-leaflets.aspx>
- Manual/leaflet self-help information. Wide selection of information and exercises developed by Allied Health Professionals. <http://ahpsuffolk.co.uk/Home/selfhelp.aspx>
- Understanding and managing long-term pain-information for patient. Society publication. Members of the public can request a free hard copy BPS secretariat on 0207 299 7940 or info@longtermainsociety.org https://www.longtermainsociety.org/ahpsuffolk/resources/leaflet_aster_paininfo_Long-term_Pain_2015.pdf
- Overcoming chronic pain. A self-help guide using cognitive behavioral book on prescription can be borrowed from the West Suffolk Library. www.wsh.nhs.uk/resources/252

Produced by the West Suffolk Pain Management Service. Final Version August 2016. Review

The Pain Toolkit
 ...is for people who live with persistent pain

A persistent pain problem can be difficult to understand and manage on an everyday basis.

The Pain Toolkit is a simple information booklet that could provide you with some handy tips and skills to support you along the way to manage your pain.

It is not meant to be the last word in pain self-management but a handy guide to help you get started - all you need to be is willing to read it and take on board some of the suggestions.

Good luck!
 Pete Moore
pete.moore@paintoolkit.org
www.paintoolkit.org
 @paintoolkit2

Pete Moore who has persistent pain, asthma and osteoarthritis these tools together with the help of friends, family and health professionals.

Special acknowledgement to the Bradford Living with Pain Program

Tool 1 - Accept that you have persistent pain... and then begin to move on
Tool 2 - Get involved - building a support team
Tool 3 - Pacing
Tool 4 - Learn to prioritise and plan out your days
Tool 5 - Setting Goals/Action Plans
Tool 6 - Being patient with yourself

Tool 7 - Learn relaxation
Tool 8 - Stretching & Exercises
Tool 9 - Keep a diary and progress
Tool 10 - Have a set-back
Tool 11 - Team Work
Tool 12 - It is keeping it up into daily practice the tools from 1-11.

Prescribe a book

Despite the surge in popularity of self-help literature, books are not a greatly used resource by people with persistent pain.

The Reading Agency is a good place that is recommended. There are so many books on their website that can be used to refresh knowledge and understanding.

reading-well.org.uk/books/books-on-prescription/long-term-conditions



OVERCOMING CHRONIC PAIN

A self-help guide using Cognitive Behavioral Techniques

FRANCES COAD
 CATHERINE CAPLAN

Book of the month

An Introduction to Living Well with Pain

A pocket size book designed to guide people with pain through '10 Footsteps' of self management to live a full, valued life despite pain. An easy read, with illustrations - a great a starter to self management.

Published by Little, Brown Book Group
 £4.99
 ISBN 9781472137722
 Available online from Amazon; Wordery; Waterstones and from all good bookshops

an EVERCOMING publication
 an introduction to Living Well with Pain
 Frances Cole

New websites developed by clinicians for clinicians and patients

For Clinicians

The screenshot shows the homepage for clinicians. At the top, there is a navigation bar with 'About', 'Resources', 'News', and 'Contact', along with a 'DONATE' button. The main header features a photo of two men in a discussion, with the text 'Shifting the conversation' and 'How to move patients towards taking control of their pain'. Below this is a welcome message: 'Welcome to Live Well with Pain, developed by clinicians, for clinicians to help you support your patients towards better self management of their long term pain.' A blue banner promotes 'my Live Well with Pain' for living with pain. A 'Resources for clinicians' button is followed by three icons: 'Resources for your patients', 'Empowering patients to self manage', and 'Opioid Zone'. A footer note states: 'Live Well with Pain is completely free to use, and is full of techniques and resources that GPs and pain specialists have found useful over many years. They will increase your skills and confidence in working with people who live with persistent pain.'

<https://livewellwithpain.co.uk/>

For patients

The screenshot shows the homepage for patients. The top blue banner features the 'my Live Well with Pain' logo and the text: 'For people who are living with pain. Really useful information and resources to help you live well, despite the pain.' A navigation bar includes 'About', 'Resources', 'Links', and 'Contact'. A central message states: 'My Live Well with Pain is completely free to use, and is full of trusted techniques that people with persistent pain have found useful, in helping them to get on with their lives and live well with pain.' Three buttons are provided: 'Booklets and leaflets', 'Video and audio', and 'Other useful resources'. A large graphic features a pill with 'no?' and 'yes?' written on it, with the text 'Opioids – should I reduce them?' and 'Use our handy Decision Guide with your GP to find out what's right for you'. A 'Find out more' button is below. The footer asks 'Are you a GP or pain specialist?' and provides a link to 'Live Well with Pain' for professional tools and resources.

<http://my.livewellwithpain.co.uk/>

Summary-a good prescription

(Stannad 2016, 2018)



Briefing Statement to Health Professionals on the Management of Opioid Medications

Key Messages:

There is an urgent need to:-

- Screen and assess people on opioids,
- Make clinical decisions about opioid reduction and optimal pain management where appropriate
- Identify the best clinical approach and place (GP surgery, hospital clinic, community pharmacy) to occur,
- Ensure that there are resources to deal with those patients captured by any screening
- Employ a corporate approach to manage those who are non-compliant (see 'Recommendations')

This should be proactively linked to interdisciplinary pain assessment and management through other strategies and treatments.

The required services need to be fully commissioned to support patients.

Introduction

There is considerable and continuing public concern related to an increase in the use of opioids in the United Kingdom. There is also professional and governmental concern regarding misuse of opioids and the number of prescriptions of opioid analgesics. The backdrop are the serious concerns in the USA. This document sets out the issues and recommendations for action in the UK.

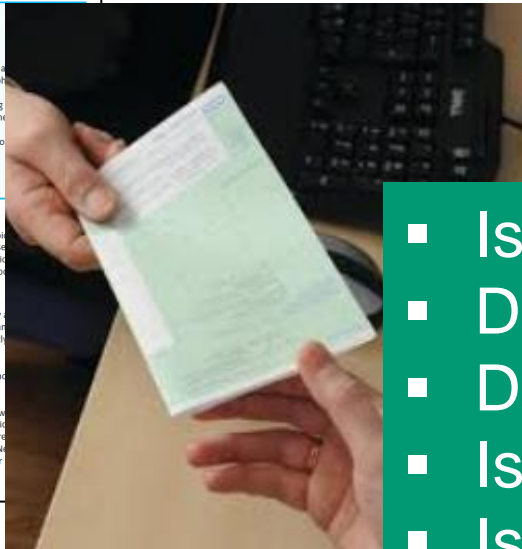
Opioids in Chronic non-malignant pain

Pain is the 5th vital sign and pain relief can be viewed as a basic human right. Opioids play a role in acute pain where there is a close relationship between pain and tissue damage. Exacerbation would be in Emergency Departments after trauma or following surgery. They are frequently used as the "Gold Standard" for such acute pain treatment.

In addition, opioids play an important role in the management of cancer pain and in the short term for some other medical conditions.

The effectiveness of opioids in long-term chronic non-malignant pain is less clear. Ten to twenty emerging literature led to a view that opioids may play a role in long-term pain. New opioid preparations were brought to the market with this in mind. While the evidence did not strengthen, it was recognised that it would be very difficult to undertake such long-term trials. There was a strong clinical view that opioids were helpful in some patients not treatable by other logical given their known physiology.

1



- Is effective for the condition
- Does not harm the patient
- Does not harm anyone else
- Is acceptable to the patient
- Is legal and accurate

Key message

So giving a prescription for something that is likely not to work is a clinical 'big deal' in relation to iatrogenic harm

Summary

- Opioids are valuable in the management of acute pain, pain related to cancer and for pain management at the end of life.
- There is a lack of robust evidence on the benefit of long-term opioids in the management of chronic pain.
- Ensure you are able to explain chronic pain and support self-management strategies
- Inappropriate use of long-term opioids in chronic pain is associated with serious adverse effects.
- The risk of harm from opioids increases significantly above a dose equivalent to 120 mg/day of oral morphine.
- Identify patients most at risk of harm e.g. adverse selection.
- In conjunction with the patient, regularly review the effect of opioid treatment and consider whether there is a need to reduce the dose or stop the opioid.
- Keep abreast of changing evidence base with the use of gabapentinoids and follow local guidance.

Health coaching



Living with chronic long term illnesses can be challenging and distressing for patients - which is why they often visit their clinicians. Adding a health coaching approach to the tool box of communication skills you use in your consultations can help promote patient self-sufficiency, satisfaction and motivation, enabling people to manage their condition with greater independence and self-confidence.

The facts

- People with long term conditions account for 50% of all GP appointments, 70% of all inpatient bed days and 70% of overall NHS spend
- The number of people with three or more long term conditions is predicted to rise by 1 million to 2.9 million by 2018
- Three quarters of all deaths will be as a result of chronic disease by 2020.

What is health coaching?

Health coaching is talking to people with long term conditions in a way that supports and empowers them to better manage their own care, fulfil their self-identified health goals and improve their quality of life.

What are the benefits of health coaching?

- Improves communication fundamental to care.
- Encourages people with long term conditions to prioritise their health and do more to care for themselves
- Enables clinicians to shine the spotlight on personal awareness and responsibility in a supportive manner, and transform the clinician/patient relationship
- Can increase patient self-sufficiency, satisfaction, confidence, motivation, compliance, and reduce costs for organisations.

What skills will I learn?

You will learn a combination of tools and techniques you can use every day with patients that support behaviour change and help you listen, build rapport and challenge more skilfully, as well as set goals, motivate and encourage your patients.

Which teams and patients would benefit most?

The skills are useful with all patients but particularly in the following areas: with long term conditions; mild anxiety, depression; medication compliance; pain management; lifestyle; recovery, and rehabilitation.

How does this fit with other priorities for me and my organisation?

The training will help you work towards addressing the following:

- Improving patient experience and quality of care
- Increasing Friends and Family test scores
- Reducing complaints especially around communication
- Reducing organisational costs and saving time
- Builds relationships with colleagues, and collaborative working
- Supports the delivery of integrated care and care planning
- Enhances local plans for managing patients with long term conditions

Course Dates 2018/19:

The Health Coaching training is delivered over two full days, one week apart

8th and 15th November 2018
 12th and 19th December 2018
 10th and 17 January 2019
 6th and 14th February 2019
 13th and 21st March 2019

NMP forums and conference

NMP forum

Friday 15th March 2019: 9:30 am - 12:30 pm

Thursday 11th July 2019: 9:30 am – 12:30 pm

Monday 21st October 2019: 9:30 am – 12:30 pm

Venue: Pod room 1 at Stow Lodge

NMP conference

Monday 1st July 2019

Venue: UoS

Further information

Sarah Miller, Governance Manager, Suffolk GP Federation

NHS Email: sarah.miller29@nhs.net

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Reflection and group discussion

Questions

1. Historically what has the role of the physiotherapist been in:

- a) Promoting medication safety with analgesia?
- b) reducing the risks associated with inappropriate analgesic polypharmacy?

2. What could the role of the physiotherapist be in:

- a) promoting medication safety with analgesia?
- b) reducing the risks associated with inappropriate analgesic polypharmacy?

3. Identify potential barriers and factors that would be helpful to maximise your potential as a physiotherapist with:

- a) promoting medication safety with analgesia?
- b) reducing the risks associated with inappropriate analgesic polypharmacy?

Key references

Key references

WSCCG Pain Guidance <https://www.westsuffolkccg.nhs.uk/clinical-area/prescribing-and-medicines-management/formularies-and-guidelines/>

Stannard C. 2018 Where now for opioids in chronic pain. <https://dtb.bmj.com/content/56/10/118>

Stannard C. 2018 Pain and pain prescribing: what is in a number? *British Journal of Anaesthesia*, 120 (6):1147-1149

Canadian Guideline for Opioids for Chronic Non-Cancer Pain (2017)

http://nationalpaincentre.mcmaster.ca/documents/Opioid%20GL%20for%20CMAJ_01may2017.pdf

CDC Guidelines for Prescribing Opioids in Chronic Pain. United States 2016 (2016)

<https://www.cdc.gov/mmwr/volumes/65/rr/rr6501e1.htm>

Opioids Aware 2015 : <https://www.rcoa.ac.uk/faculty-of-pain-medicine/opioids-aware>

Key resources for opioid information

Key Resources

- CDC Guideline for prescribing opioids in chronic pain: resources
<https://www.cdc.gov/drugoverdose/prescribing/resources.html>
- NICE (NG 46 September 2016) Controlled Drugs: Safe use and management
<https://www.nice.org.uk/guidance/ng46>
- NICE (KTT 21 January 2017) Medicines Optimisation in long term pain
<https://www.nice.org.uk/advice/ktt21>

- Opioid resources

<https://www.rxfiles.ca/rxfiles/uploads/documents/Opioid-Taper-Template.pdf>

2017 Canadian Opioid Prescribing Guideline

http://www.cfpc.ca/uploadedFiles/CPD/Opioid%20poster_CFP_ENG.pdf

- 2017 PresQIPP 149 Jan 2017; management of non neuropathic pain
<https://www.presqipp.info/media/1483/149-non-neuropathic-pain-23.pdf>

2018 Quality Prescribing for Chronic Pain. A Guide for Improvement 2018-2021

<http://www.therapeutics.scot.nhs.uk/wp-content/uploads/2018/03/Strategy-Chronic-Pain-Quality-Prescribing-for-Chronic-Pain-2018.pdf>

Opioid resources recommendations (from chief pharmacists)

- PrescQIPP website
- NHSE are promoting practices (and pharmacies) to undertake high dose opioid audits (doses >120mg morphine or equivalent). The audit can be accessed via the following link: <https://www.prescqipp.info/component/jdownloads/category/420-high-dose-opiate-searches>

In conjunction with the audit, there is also a series of recorded webinars available from

- <https://www.prescqipp.info/media/opioid-aware-webinar-session-1-of-2-13-october-dr-ruth-bastable>
- <https://www.prescqipp.info/media/opioid-aware-next-steps-webinar-session-2-of-2-18-october-dr-ruth-bastable>
- <https://www.prescqipp.info/prescqipp/news/media/opioids-aware-audit-webinar-dr-ruth-bastable-9th-may>

**Before we move on any
questions?**



Thank you

Further information and references on request

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