



**The Non-Pharmacological Management of Chronic Non-Cancer Pain (CNCP)**

**General Practice in Addiction Conference 4-5 August 2018**

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**Disclosures**

- The Hunter New England and Central Coast Primary Health Network has provided a translational research grant for the evaluation of the effectiveness of the TEMPO learning package.
- We would also like to acknowledge the input of Dr Chris Hayes: Past Dean, Faculty Pain Medicine; Lester Jones, Pain Physiotherapist; Professor Michael Nicholas, Clinical psychologist, Sarah Overton, clinical psychologist; A/Prof Jill Gordon; GP psychotherapist; Dr Cathy Fraser, GP Psychotherapist; & Prof Parker Magin, Director, GP Synergy Research and Evaluation Unit.
- Professor Michael Nicholas receives royalties from his co-authored book, *Manage Your Pain*, ABC Books and Harper Collins Publishers.
- Dr Hayes has undertaken sponsored consultancy and educational work with Mundipharma, Janssen and Pfizer prior to 2013.
- Dr Newman Harris has declared payments for services from the same companies.

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**Learning objectives**

**At the end of the session the participant will be able to:**

1. make informed choices about *multimodal alternatives* to pharmacological management of chronic pain.
2. support patients develop the skills of *active self-management* to optimise function and social reintegration
3. educate patients about the *harms of opioids* in CNCP and to develop *strategies for non-initiation, de-prescribing or dependency provision* of opioids
4. assist patients to manage *common aspects of the chronic pain experience* such as poor mental health (e.g. depression, anxiety, family problems), sleep difficulties and dependency

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### Chronic non-cancer pain



- The word “pain” is derived from the Latin word “poena” for penalty or punishment i.e. the meaning.
- Chronic Non-Cancer Pain (CNCP) is pain which has persisted beyond normal tissue healing time (deemed three months).
- “Non-Cancer” specifically excludes chronic pain of active cancer treatment & palliative care for end-of-life symptoms.

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A Biopsychosocial approach to chronic pain

**Active self-management:**

- Assessment and measurement
- Neuro-education
- Social activation: Family and work
- Cognitions, Beliefs & Mood
- Physical activation: Goals & Activity pacing
- Sleep
- Diet

**Analgesics**

- Medicines, deprescribing and drugs
- Opioids and harm minimisation



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## Assessment



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Initial Assessment

Ten-item Örebro<sup>1</sup>:

Broadens conversations

Screens for problem patients

Indicator of delayed return-to-work risk.

Can be administered by practice nurse and lead into care plan

Routine in workers compensation care

1. Linton et al. Spine 2012; 36(22): 1891-95; Nicholas et al. J Occ Rehab (in press, April, 2018).

Örebro  
Musculoskeletal  
Pain Screening  
Questionnaire  
(short-form)

1. How long have you had your current pain problem? Tick (✓) one.  
☐ 0-1 weeks [1] ☐ 1-2 weeks [2] ☐ 3-4 weeks [3] ☐ 4-6 weeks [4] ☐ 6-8 weeks [5]  
☐ 8-11 weeks [6] ☐ 1-4 months [7] ☐ 4-9 months [8] ☐ 9-12 months [9] ☐ over 1 year [10]

2. How would you rate the pain that you have had during the past week? Circle one.  
0 1 2 3 4 5 6 7 8 9 10  
*No pain* *Pain as bad as I could be* [ ]

For items 3 and 4, please circle the one number that best describes your current ability to participate in each of these activities.

3. I can do light work (or home duties) for an hour.  
0 1 2 3 4 5 6 7 8 9 10  
*Not at all* *Without any difficulty* [ ]

4. I can sleep at night.  
0 1 2 3 4 5 6 7 8 9 10  
*Not at all* *Without any difficulty* [ ]

5. How tense or anxious have you felt in the past week? Circle one.  
0 1 2 3 4 5 6 7 8 9 10  
*Absolutely calm and relaxed* *As tense and anxious as I've ever felt* [ ]

6. How much have you been bothered by feeling depressed in the past week? Circle one.  
0 1 2 3 4 5 6 7 8 9 10  
*Not at all* *Extremely* [ ]

7. In your view, how large is the risk that your current pain may become persistent? Circle one.  
0 1 2 3 4 5 6 7 8 9 10  
*No risk* *Very large risk* [ ]

8. In your estimation, what are the chances you will be working your normal duties (at home or work) in 3 months? Circle one.  
0 1 2 3 4 5 6 7 8 9 10  
*No chance* *Very Large Chance* [ ]

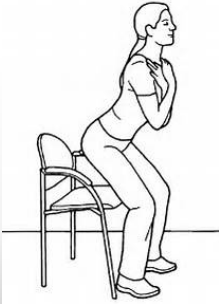
9. An increase in pain is an indication that I should stop what I'm doing until the pain decreases. Circle one.  
0 1 2 3 4 5 6 7 8 9 10  
*Completely disagree* *Completely agree* [ ]

10. I should not do my normal work (at work or home duties) with my present pain. Circle one.  
0 1 2 3 4 5 6 7 8 9 10  
*Completely disagree* *Completely agree* [ ]

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Reframing assessment: strength

Deconditioning due to inactivity:  
The Five Times Sit to Stand Test.  
This should take less than 15 seconds.



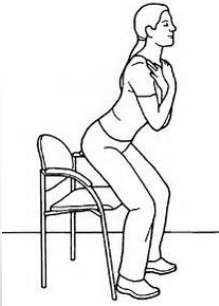
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TEMPO - Pain Management for GPs workshop

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### Learning Activity 1

Please stand up now for our own Five Times Sit to Stand Tests.



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### Outcomes assessments: P.E.G.

Need to measure initially & measure regularly otherwise, care providers, including yourself, cannot monitor outcomes.

1. What number best describes your pain on average in the past week:

0	1	2	3	4	5	6	7	8	9	10
No pain						Pain as bad as you can imagine				

2. What number best describes how, during the past week, pain has interfered with your enjoyment of life?

0	1	2	3	4	5	6	7	8	9	10
Does not interfere						Completely interferes				

3. What number best describes how, during the past week, pain has interfered with your general activity?

0	1	2	3	4	5	6	7	8	9	10
Does not interfere						Completely interferes				

4/8/2018 Krebs 2009 J of Gen Int Med

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### Learning Activity 2

1. What number best describes your pain on average in the past week:

0	1	2	3	4	5	6	7	8	9	10
No pain						Pain as bad as you can imagine				

2. What number best describes how, during the past week, pain has interfered with your enjoyment of life?

0	1	2	3	4	5	6	7	8	9	10
Does not interfere						Completely interferes				

3. What number best describes how, during the past week, pain has interfered with your general activity?

0	1	2	3	4	5	6	7	8	9	10
Does not interfere						Completely interferes				

Introduce the PEG to your colleague beside you

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Neuro-education

  
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Patient education: acute pain

- Short term
- Often linked to body structures
  - under threat
  - damaged
  - indicating the urgency of response

Egloff J Pain Research 2013

threat ...  


damage ...  


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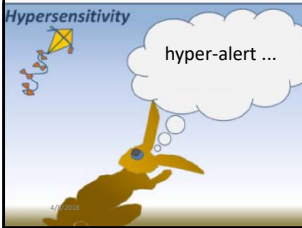
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Patient education: chronic pain

- Lasts 3 months or more
- Often persisting after body structures repair
- **Wind up** of the whole nervous system

Egloff J Pain Research 2013

Hypersensitivity  
  
hyper-alert ...

  
flea bite feels like the eagles claws

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### Contributors to pain



Sensitisation  
(neuroplastic or  
nociplastic)

Nerve injury  
(neuropathic)

Tissue injury  
(nociceptive)

Kosek PAIN 2016 Do we need a  
third mechanistic descriptor for  
chronic pain states?

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### Target education to beliefs

Related to your pain, what is the thing that you are most afraid of?

What do you believe is the role of medications, or of activity?

Are you worried that something has been missed?



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### Patient education

HIPS Brainman series:

- Understanding pain and what to do about it
- Brainman chooses
- Brainman stops his opioids



**Workbooks**

Rewire your pain: an evidence based approach to reduce chronic pain: Davies 2015

Manage your pain: Nicholas 2011

**On-line**

CBT: thiswayup or mindspot

Free Macquarie Uni pain course at the "eCentreClinic"

<https://ecentreclinic.org/?q=PainCourse>

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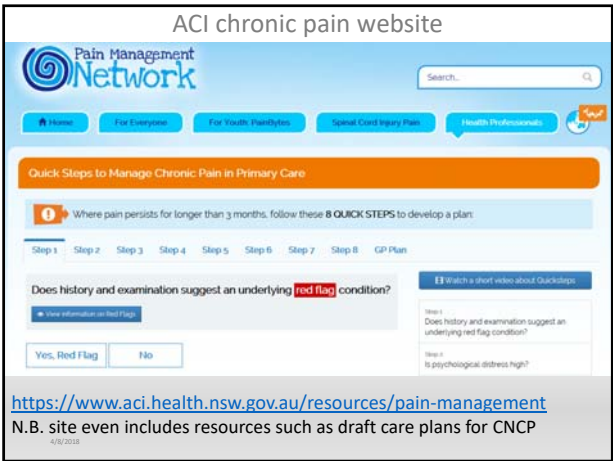
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A Biopsychosocial approach to chronic pain

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**Active self-management:**

- Assessment and measurement
- Neuro-education
- Social activation: Family and work
- Cognitions, Beliefs & Mood
- Physical activation: Goals & Activity pacing
- Sleep
- Diet

**Analgesics**

- Medicines, deprescribing and drugs
- Opioids and harm minimisation

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Social activation:  
participating with family & work

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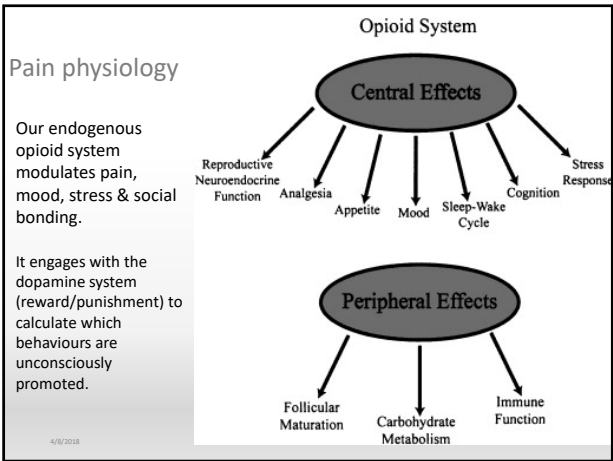
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Theories of pain physiology: adapt & survive

Pain is not just a warning system.

Theorists write, "Pain is a call to action. Like hunger, thirst, and desire for sleep, pain is a part of the body's survival systems."<sup>1</sup>

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<sup>1</sup>Porreca & Navratilova Pain 2017

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Theories of pain physiology

Pain reflects a multisensory system of **danger-detection** to the individual (and to the tribe).

Flipping this over: love can be sacrificial.

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Social activation: Re-integration

Encourage personally relevant or meaningful social re-engagement



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Re-integration: Work

Early screen with Örebro to identify psycho-social yellow flags  
Advise workplace modifications (activity pacing of duties & hours)  
Co-ordination with insurer and workplace



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Re-integration: Family

- Experimental pain thresholds are elevated by:
- the presence of a friend
  - laughing with friends
  - empathetic touch between romantic partners



4/8/2018 Edwards Pain May 2017, Manninen J of Neuroscience 2017, Goldstein J of Pain 2016

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Re-integration: The role of the partner

- . The health of the partner of the person with pain may suffer too
- . Partners may facilitate recovery e.g. with distraction
- . Partners may hinder recovery with criticism & hostility, or by discouraging autonomy



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Re-integration: The role of the partner

- . Intimacy may suffer in CNCP with opioid consumption further reducing libido (Birke 2018)
- . “Sensate focusing” describes a form of activity pacing based on desensitisation and awareness
- . Be aware past traumas may intersect with current CNCP



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Re-integration: meaning

Identify and explore meaningfulness eg art or spirituality



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## Cognitions and emotions



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### Pain Psychology: is like hitting the snooze button on the 'harm alarm'

The mind can be a window to our nervous system.

We can support patients to regulate their thinking (helpful self-talk) and regulate their emotions (self-calming). This will assist in the self-management of the pain-related distress and behaviours.



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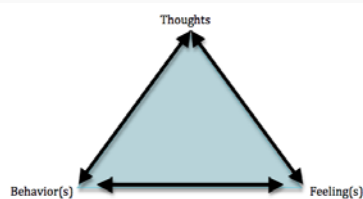
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### Beliefs

Self-monitor and regulate unhelpful thinking:

- Catastrophising
- Fear avoidance
- Black and white thinking

Encourage: Self-compassion & self-efficacy



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### Mood: Depression

Bi-causal relationship with pain  
Non-pharma therapy includes:

- relaxation
- scheduling pleasurable activities
- exercise
- behavioural activation
- healthy nutrition

Thoughts

Behavior(s)

Feeling(s)

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### Active relaxation

Observation of the breath  
There are many techniques of mindful self-calming.

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### Learning Activity 3

Rehearse teaching your patient slow breathing exercise.

Form a triad:

- GP role
- patient role
- an observer

Change roles after two minutes

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### Exposure and Response Prevention



Psychoeducation about the physical sensations behind anxiety and potential misinterpretations

Explaining breathing retraining and risks of safety-seeking or avoidance behaviours

Practicing self-exposure to those physical sensations the patient fear may evoke panic

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A Biopsychosocial approach to chronic pain

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- Active self-management:**
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  - Physical activation: Goals & Activity pacing
  - Sleep
  - Diet
- Analgesics**
  - Medicines, deprescribing and drugs
  - Opioids and harm minimisation

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## Physical activation: Goals & Activity pacing



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### Active versus Passive Management

**Passive:**

- Mobilisation
- Injections
- Hands-on therapy
- Acupuncture
- Electrotherapy eg ultrasound



**Active:**

- Walking
- Therapeutic exercise
- Hydrotherapy
- Swimming
- Yoga/Pilates/Tai Chi



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*Motion is the lotion*



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### Planning Goals

Prioritise competing needs through goal setting.  
“Unpack” goals into achievable, concrete and measurable sub-goals.  
Identify obstacles & “tolerances”



Discuss what needs to be worked on to reach the goals  
Plan activities to these capacities and include ‘upgrading’.  
Review frequently and document progress

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### Activity pacing

When establishing pacing the baseline should be below patient's capacity to aid confidence building.

Plan small, meaningful upgrades utilising objective outcomes:

- duration of exercise
- duration of rest\*
- distance /step counts

Swapping tasks

Avoid under- & over- activity:  
"Stick to your activity plan/quota despite good or bad days."

The boom/bust trap increases break-through pain and use of short term opioids



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\* Mitchell "Trials" 2016

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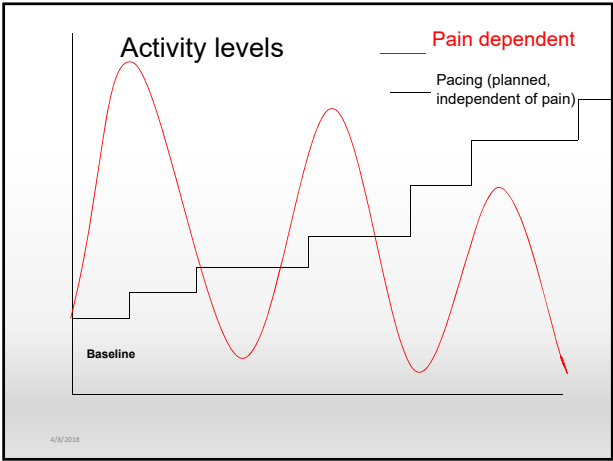
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### Cognitive aspects of re-engagement in physical activity

- Redirect: "What can I do despite the pain?" rather than "What can I do to get rid of the pain?"
- Manage thoughts: increases in pain is normal with activity: "sore but safe."
- Deal with movement and activity related fear
- Self-calming techniques



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### Learning Activity 4

- Rehearse educating your patient with pain about goal setting & activity pacing for a couple of minutes then rotate roles.
- Activities to be paced may be related to work or family.

Form a triad:

- GP role
- patient role
- an observer



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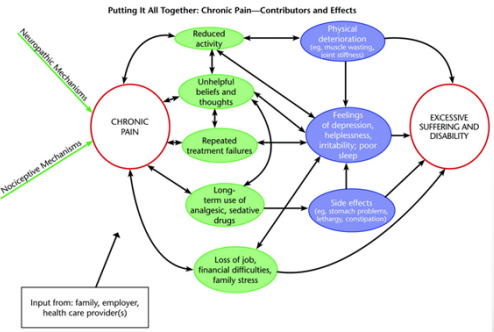
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Putting It All Together: Chronic Pain—Contributors and Effects

How using active strategies to address the 2° effects of pain reduces disability and suffering better than keeping on focusing on fixing it.

From: Psychologically Informed Interventions for Low Back Pain: An Update for Physical Therapists  
Phys Ther. 2011;91(5):765-776. doi:10.2522/ptj.20100279. Michael Nicholas  
Phys Ther J © 2011 American Physical Therapy Association

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# Sleep



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Insomnia

Prevalence: About 1 in 3 adults have an insomnia symptom

Psychological co-morbidity rates up to 80%.

Insomnia has a circular relationship with pain.

**Cognitive** therapy challenges their current maladaptive beliefs about sleep.



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Insomnia

CBT-i incorporates four **behavioural** elements: relaxation therapy, psychoeducation/sleep hygiene; stimulus control, sleep (or bedtime) restriction strategies

CBT-i produces reliable, durable benefits in 70% to 80% of patients (Buysse 2017)



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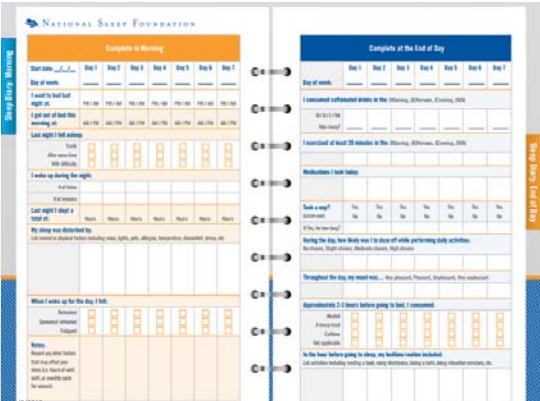
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Arrange a Sleep Diary



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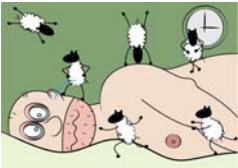
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Psychoeducation or sleep hygiene



- what are normal sleep patterns and age-related changes
- environmental factors (e.g. light, noise, temperature).
- unhealthy practices (e.g. electronics before bed, clockwatching & substance use)
- time-restricted eating to coincide with the light-dark circadian rhythms: no food or drink (esp alcohol) after evening meal (Kuehn JAMA 2017); also helps weight and glucose tolerance.

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Stimulus control


Reinforces the association of the bed/bedroom with sleep to re-establish a consistent sleep-wake schedule

Rise at the same time

Avoid napping

Go to bed only when sleepy;

Bedroom for sleep only (or sex) so no reading or screens



If not asleep after about 15 minutes, leave the bedroom & do something non-stimulating.

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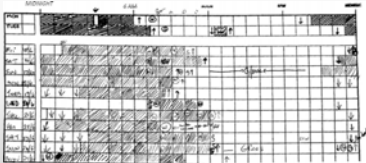
Sleep (or bedtime) restriction strategies

Curtails the time in bed to the actual duration of sleep being achieved.

Use sleep diaries to estimate sleep time.

Record both before bed & on awakening.

Re-establishing homeostatic sleep pressure requires several weeks.



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Learning Activity 5

Try delivering CBT-insomnia

- .relaxation therapy
- .psychoeducation/sleep hygiene
- .stimulus control
- .sleep (bedtime) restriction strategies

Here is my sleep diary, who will help me

Before sleep	In bed 2 hours: movies or internet gaming
Went to bed	Varied between 9 to 11pm
Got to sleep	Midnight to 1AM
Awakenings	Twice for about an hour each, 2 smokes (back pain)
Total sleep time	About 6 hours
Woke feeling	Fatigued all day
Out of bed	9am for breakfast.
Daytime activities	10am till lunch at 2-ish in front of TV watching the tennis. Finally got to doze off on sofa when back settled.

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**YOU CAN DO IT!**

*Sleep*  
**BOOT CAMP**  
*Training*

This is your chance to  
**CONQUER SLEEP TRAINING**

START TRAINING NOW

Specialists regard brief CBT-i as 4 x 90 minute sessions at the very least!

CBT-I helps stop benzos: An RCT of 8 weeks CBT- Vs Benzo tapering alone; cessation at 12 months 70% Vs 24% (Baillargeon 2003)

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Diet



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### Nutrition and eating

- . Recommend five or more serves of vegetables & 2 of fruit and avoid sugary or processed food/drink.
- . Western-style nutrition makes an “inflammatory diet” which changes the composition & function of the gut microbiota.
- . The gut–CNS-axis modulates metabolism and also autoimmune responses, CNS homeostasis and inflammation (Fleck 2017).

<http://healthyeatingquiz.com.au>



Healthy food is good medicine

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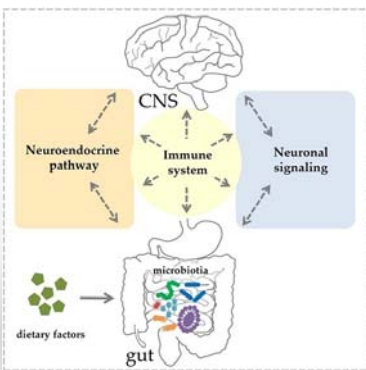
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### Nutrition and the microbiome



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Fleck 2017  
International Journal of Molecular Sciences

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A Biopsychosocial approach to chronic pain

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**Analgesics**

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- Opioids and harm minimisation



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Pharmaceuticals, deprescribing  
&/or dependency care



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BMJ 2013;348:f2090 doi: 10.1136/bmj.f2090 (Published 3 May 2013) Page 1 of 6

ANALYSIS

**Expect analgesic failure; pursue analgesic success**  
Most analgesic drugs work well but in only a small percentage of people. **Andrew Moore and colleagues** argue that we need to move away from a focus on average response and seek out what works for each patient

Andrew Moore professor<sup>1</sup>, Sheena Derry senior research officer<sup>1</sup>, Christopher Eccleston professor<sup>2</sup>, Elja Kalso professor<sup>3</sup>

“For all drugs and in all conditions, fewer than half of patients achieved at least a 50% reduction in pain intensity.”

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Deprescribing

Reducing polypharmacy may improve function.  
Numbers needed to treat (NNT) to get 50% reduction in pain intensity (studies <12 weeks): tricyclics 3.6, SNRI 6.4; Gabapentinoids 7.5 (Finnerup 2015 Lancet Neurology)



Gabapentinoids produce feelings of relaxation, calmness & euphoria. Nasal & IV misuse and fatal overdose are increasingly: “Lyrica parties.”

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### Cannabinoids and CNCP



Recent meta-analysis of 104 studies.  
NNT (30%) 24 (95% CI 15 to 61)  
NNH any adverse event 6 (95% CI 5 to 8)  
Mean change in pain intensity ~3mm on a 100mm Visual Analogue Scale (Stockings Pain 2018)

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A retrospective description of long-term opioids in 38 patients was a watershed paper.

65. Portenoy RK, Foley KM. Chronic use of opioid analgesics in non-malignant pain: report of 38 cases. Pain 1986;25:171-186.



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Commercial CNCP education has taught that the “judicious” use of opioids are safe & effective.

**OpioidPrescribing.com**  
Safe & Effective Opioid Prescribing for Chronic Pain



OverviewAccreditationNeeds AssessmentFacultyResourcesContact UsMy Account

**BOSTON UNIVERSITY**

**Safe and Effective Opioid Prescribing for Chronic Pain**  
Undertreated chronic pain and prescription opioid misuse (i.e., overdose, addiction, diversion) are major national problems. Opioids are one tool for managing chronic pain but carry significant risk when misused. Due to a lack of accessible pain medicine specialists, non-specialists – primary care providers – are left to manage some of the most complex patients with chronic pain. Safe and Effective Opioid Prescribing for Chronic Pain offers providers the essential education in how to safely and competently use opioids in the treatment of chronic pain. This training focuses on effective communication skills as well as the potential risks and benefits of opioids and when and how to initiate, maintain, modify, continue or discontinue opioid therapy.

Register for New Account

REGISTER

Source <http://www.opioidprescribing.com/overview> Accessed on March 1, 2015

Continued marketing of certain formulations or opioids as better or safer reflects the triumph of hope over evidence.

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Finally, RCT evidence on opioids effectiveness in CNCP



Contents lists available at ScienceDirect  
**Contemporary Clinical Trials**  
journal homepage: [www.elsevier.com/locate/conctclinical](http://www.elsevier.com/locate/conctclinical)

Design, recruitment outcomes, and sample characteristics of the Strategies for Prescribing Analgesics Comparative Effectiveness (SPACE) trial

Erin E. Krebs<sup>a,b,\*</sup>, Agnes C. Jensen<sup>a</sup>, Sean Nugent<sup>a</sup>, Beth DeRonne<sup>a</sup>, Indulis Rutks<sup>a</sup>, David Leverty<sup>a</sup>, Amy Gravely<sup>a</sup>, Siamak Noorbaloochi<sup>c,d</sup>, Matthew J. Bair<sup>a,d</sup>, Kurt Kroenke<sup>a,d</sup>

One year pragmatic RCT opioid initiation Vs non-opioid analgesics

240 Vet Affairs opioid-naïve patients – moderate to severe chronic back/knee/hip pain

BPI-Severity pain intensity initially: 5.4 in each arm (JAMA March 2018)

4/8/2018

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Pain interference with function

Mean BPI Interference (n=238)



Month	Opioid	Non-opioid
0	5.4	5.6
3	3.8	3.8
6	3.6	3.6
9	3.5	3.4
12	3.4	3.3

p = 0.584

Legend: Opioid (orange line), Non-opioid (blue line)

SPACE logo

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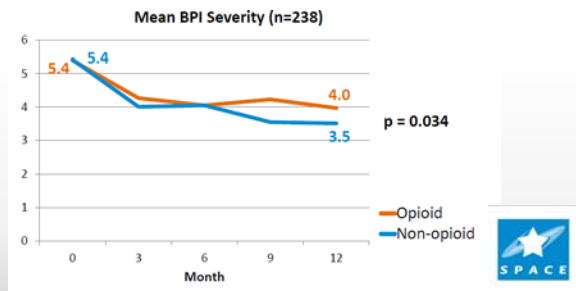
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TEMPO - Pain Management for GPs workshop

23

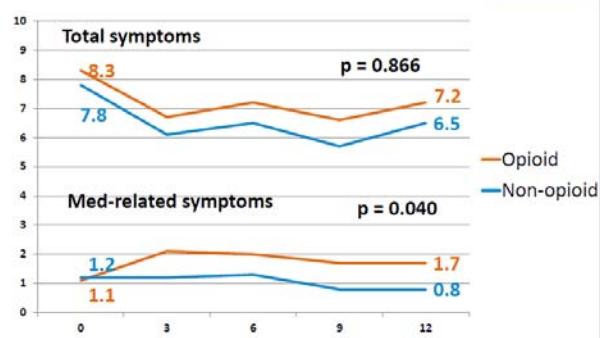
## Pain intensity



Also Medication side effects significantly worse in opioid group.

4/8/2018

## Adverse symptoms



4/8/2018

## Tapering opioids: give and take

- A 22 week RCT of 35 outpatients willing to taper long-term opioids, compared treatment as usual Vs CBT-based pain self-management training administered by a physician assistant (not a specialist psychologist).
- While underpowered, the taper-support group had non-significantly lower opioid doses **without** worsening of pain. In fact, there was significantly reduced pain interference, pain self-efficacy and perceived opioid problems <sup>1</sup>.
- A secondary study of 551 Danes being treated as usual & who ceased long-term opioids (half had a Substance Use Disorder) showed one year later pain intensity remained similar or was slightly reduced <sup>2</sup>.

4/8/2018


<sup>1</sup> Sullivan 2017 Journal of Pain <sup>2</sup> Mitchell Pain 2018



**Opioids in chronic pain: evidence indicates ineffective & unsafe**

**Toxicities include:**

- Increased pain: Tolerance & hyperalgesia
- Longer periods of job disability, dose-related
- Depression (NNH: 1 in 12 after 90 days<sup>1</sup>)
- Sleep apnoea & sleep disruption
- Misuse (1 in 4)<sup>2</sup>
- Addiction (1 in 10)<sup>2</sup>
- Overdose: especially high doses (1.8% p.a.<sup>3</sup>) increasing if with sedatives
- Epigenetic changes in drug seeking behaviour and drug tolerance across multiple generations<sup>4</sup>



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<sup>1</sup> Scherrer 2016; <sup>2</sup> Vowles 2015; <sup>3</sup> Dunn 2010; <sup>4</sup> Gilardi 2018

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**State & territory laws for prescribing S8's**

**For non-dependent Patients**

Slide courtesy of Dr Walid Jammal, Senior Medical Advisor, Avant

<b>QLD</b>	• Notification (as opposed to a permit) and treatment report required if prescribed for longer than 2 months
<b>NSW</b>	• Only some drugs require authority when prescribed for more than 2 months
<b>VIC</b>	• Permit required if prescribing for longer than 2 months
<b>TAS</b>	• An authority is required to prescribe for longer than 2 months. If Alprazolam is also prescribed, authority is required after 1 month.
<b>SA</b>	• Authority required if prescribing for longer than 2 months
<b>NT</b>	• Notification (as opposed to authority) is required when prescribing an unrestricted S8 substance for more than an aggregate period of 8 weeks, or for more than 15 people, or in specific examples like when a patient attends saying they lost a prescription. See the Code of Practice for further examples
<b>WA</b>	• Authority is required when prescribing for more than 60 days
<b>ACT</b>	• Authority required if prescribing for longer than 2 months

Misprescribing is the 2<sup>nd</sup> most common cause of regulatory sanctions

4/8/2018

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**Medication strategy**



**Stop starting them**

- Initial prescription <1 week or double risk of use at one year (6% to 13% <sup>1</sup>)
- Exclude suicidality
- Bystander naloxone
- Start opioid tapering or cessation whilst implementing multi-modal care.

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<sup>1</sup> Shah MMWR 2017

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### Opioid strategy

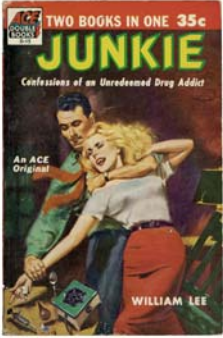
\*Just as opioids relieve distress, so tapering may elicit its re-emergence, with labile erratic behaviour <sup>1</sup>.

\*Our patients may be somewhere on the highly stigmatised spectrum of dependence.

\*There is a strong evidence base involving many RCTs that providing structured methadone or buprenorphine as opioid substitutes minimises harms.

\*Universal precautions = methadone-programme-like strategies e.g. contracts, urine toxicology, checking Prescription Shopping Line & Victoria's proposed Script-safe etc.

4/9/2018



<sup>1</sup> Manhapra, Arias & Ballantyne 2017 Substance Abuse

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### Learning Activity 6

The HIPS formulation of biopsychosocial management



Referring to a patient with chronic pain on long-term opioids, explain their management using the whole person 'hand.' Discuss with your neighbour over 3 minutes....

4/9/2018

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### Conclusion

We harm our patients if we assume that pain care is all about opioids & that opioid provision is all about excluding addictions. "Total pain" care requires less sensory focus: avoiding or deprescribing passive therapy such as "the plant of joy."

For hope and recovery:

- . Assess/measure (Örebro & PEG)
- . Provide informational support: education
- . Provide motivational support: coaching towards multi-modal, active self-management of their multiple chronic morbidities.

For ongoing opioids: aim to minimise harms with methadone-programme-like dependency care.



4/9/2018

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