

5th Congress of the European Academy of Neurology

Oslo, Norway, June 29 - July 2, 2019

Teaching Course 8

Medical management issues of dementia - Role of the neurologist (Level 2)

Management of pain in dementia

Milica Gregoric Kramberger LJUBLJANA, Slovenia

Email: milica.kramberger@gmail.com

















THE WORLWIDE PREVALENCE OF CHRONIC PAIN

• estimated to be between 25% and 50% in older people living in the community

• up to 83% in those living in nursing homes

The prevalence of chronic pain increases with age, reaching a plateau at around 70–75 years

Treede RD et al., Pain. 2015;156(6):1003-7.

International Pain Summit Of The International Association For The Study Of Pain. J Pain Palliat Care Pharmacother. 2011;25(1):29–31. EAN 2019, Oslo; TC Medical management

6/30/2019

2019, Oslo; TC Medical manageme issues of dementia

SOURCES OF PAIN IN OLDER PEOPLE Degenerative joint Improper positioning Fibromyalgia disease Cancer pain Spinal stenosis Contractures Fractures Postherpetic neuralgia Pressure ulcers Oral/dental sources Neuropathic pain Constipation Urinary retention Post-stroke syndrome EAN 2019, Oslo; TC Medical management 6/30/2019 issues of dementia

CONSEQUENCES OF UNRELIEVED PAIN

- Sleep disturbance
- Functional decline
- Depression, anxiety,
- Polypharmacy
- Malnutrition
- Prolonged hospital stay
- Challenging behaviors
- Increased healthcare utilization

6/30/2019

<section-header><section-header><list-item><list-item><list-item><list-item><list-item><list-item><table-container>

EAN 2019, Oslo; TC Medical management

issues of dementia













DISSCUSING CHARACTERISTICS OF PAIN AT BEDSIDE

- ask a variety of qualifiers:
- "Are you aching?
- Hurting?
- Having discomfort?" to identify the patient's preferred pain terminology.
- more than 80% of cognitively impaired persons are able to reliably complete a pain scale.
- give simple and clear explanations, and provide examples whenever possible.
- give the patient time to process the information and formulate a response.
- Possibly need to have instructions repeated a few times before understanding of the task.
- possibly need to wear glasses or hearing aids when completing the pain scale.

6/30/2019

EAN 2019, Oslo; TC Medical management issues of dementia









- Presence of nonverbal pain behaviors? Assess at rest and with movement
- Timely, thorough physical exam
- Ensure basic comfort needs are being met (eg, hunger, toileting, loneliness, fear)

EAN 2019, Oslo; TC Medical management

issues of dementia

- Rule out other causative pathologies (eg, urinary retention, constipation, infection)
- Consider empiric analgesic trial

6/30/2019 2002

<section-header><section-header><text><list-item><list-item><list-item><list-item><list-item>





NONSTEROIDAL ANTI-INFLAMATORY DRUGS (NSAIDs)

 Use appears to be associated with increased risk of gastrointestinal and cardiovascular AE some drugs within this class may also cause

hepatic and renal damage.

• <u>The safety and appropriateness of short-term</u> <u>NSAID therapy for pain in people with</u> <u>dementia have not been investigated</u>

Erdal A et al.Expert Opinion on Drug Safety,2019 18:6, 511-522

6/30/2019

EAN 2019, Oslo; TC Medical management issues of dementia

Denmark ;observational study the first to study opioid use in an entire elderly population, eliminating problems of selection bias. patients with dementia and nursing home residents were the most frequent users of opioids. clinical trials of analgesics have never included patients with dementia and nursing home residents, representing the frailest patient group.

6/30/2019

EAN 2019, Oslo; TC Medical management issues of dementia







CHRONIC PAIN IN OLDER PEOPLE with cognitive decline

1. Make a correct diagnosis of pain in patients with cognitive impairment

2. Use validated and standardized tools for pain assessment

3. Self-assessment pain scales are indicated for patients with mild to moderate cognitive impairment and observational scales for those unable to understand the scale instructions

4. Consider non-pharmacological interventions for the treatment of chronic pain

6/30/2019 EAN 2019, Oslo; TC Medical management Cravello L et al, Pain Ther (2019) 8:53-65 dementia



• Avoid using inappropriate and potentially dangerous drugs to treat pain in frail people

• In choosing analgesic drugs, take into account clinical variables and comorbidity of elderly patient with cognitive decline

- According to severity of pain, start therapy with nonopioids and, if necessary, consider opioids later
- Make a gradual titration of pharmacological treatment for pain (start low, go slow)

Cravello L et al, Pain Ther (2019) 8:53–65 EAN 2019, Oslo; TC Medical management issues of dementia



6/30/2019

6/30/2019

EAN 2019, Oslo; TC Medical management issues of dementia



