The economic burden of chronic pain in the working population

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Disclosure of interest

I, Anna Vavrovsky, do not have a financial interest or affiliation with one or more organizations that could be perceived as a real or apparent conflict of interest in the context of the subject of this presentation.















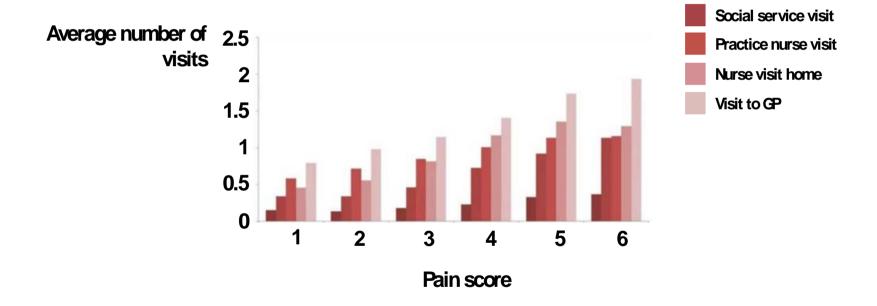
Direct medical Direct non-medical



Direct costs as a function of pain score



Home health visitor







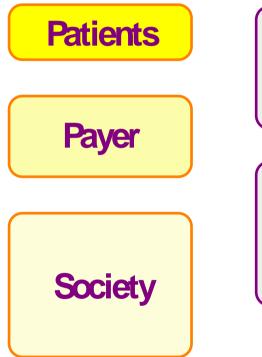




Direct medical Direct non-medical







Direct Costs

Direct medical Direct non-medical

Indirect Costs

Losses or Gains of Productivity due to Morbidity and Mortality



Labour Force Participation



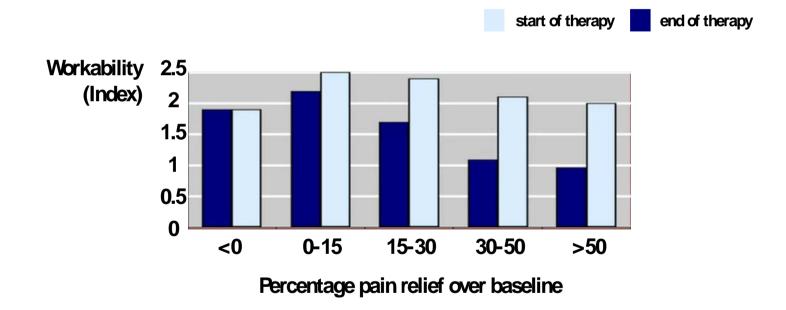
Labour Force Participation

65% in general population without pain55% in pain population

45% in population with severe pain

Langley P et al. J Med Econ. 2010;13(4):662-72.

Impact of pain relief on on sickness absence







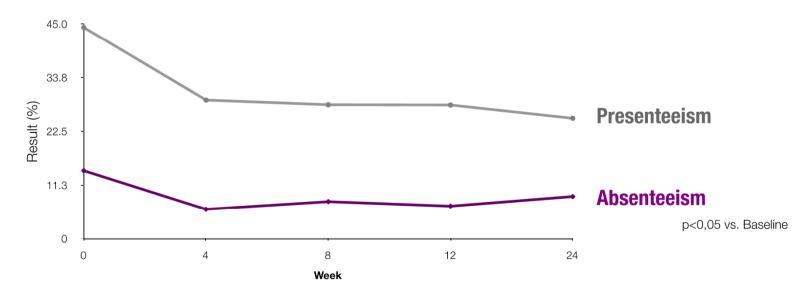
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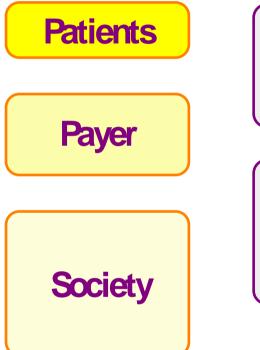


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Lichtiger S, Present DH, Persson B et al. Abstract presented at DDW 2008.





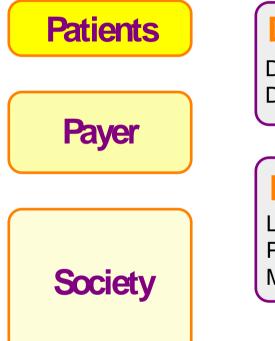
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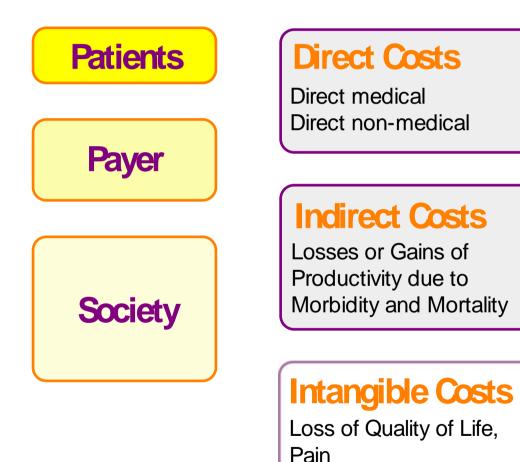
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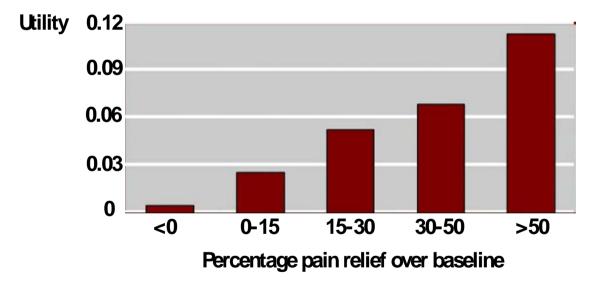
Losses or Gains of Productivity due to Morbidity and Mortality over the period of all resource use and greatest health effects





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Utility gain associated with pain relief



Phillips C. The Economics of Pain. 2009/10.









• Stratification of patients



- Epidemiology
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- (Surrogate) endpoints



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- Therapeutic alternatives



- Epidemiology
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- (Surrogate) endpoints
- Therapeutic alternatives
- Costs of delivering health care





- Stratification of patients
- (Surrogate) endpoints
- Therapeutic alternatives
- Costs of delivering health care
- Frequency and costs of adverse events





- Stratification of patients
- (Surrogate) endpoints
- Therapeutic alternatives
- Costs of delivering health care
- Frequency and costs of adverse events
- Costs of Non-Treatment





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