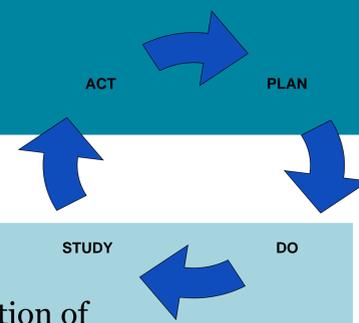


# Implementing Recommendation – an ongoing multidisciplinary quality process

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## Objectives

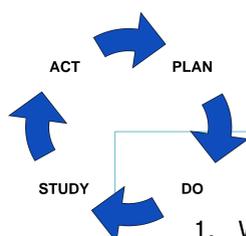
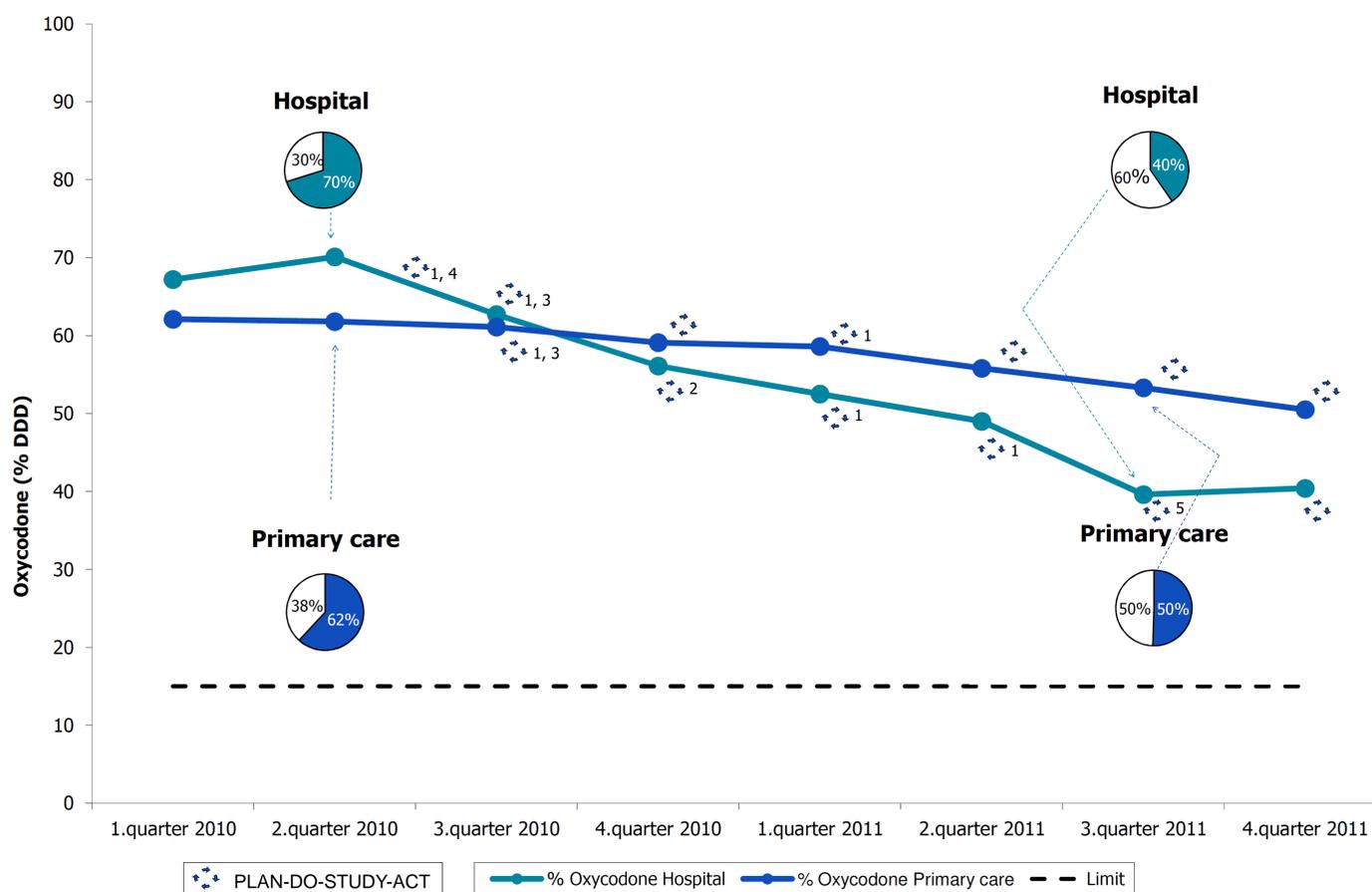
To implement the recommendation of *morphine* instead of *oxycodone*, and thereby reduce the total drug expense for the health care system in Region Zealand, Denmark.

## Conclusion

The step-by-step quality implementation of recommendation is successful however time consuming.

## Background

The Regional Drug and Therapeutics Committee of Region Zealand are implementing rational pharmacotherapy within their hospitals and primary care, by recommending drugs that are rational for use when comparing effectively, safety and totally drug expense for hospitals and primary care. After the patients discharge from hospitals their GP tend to continue the drug chosen at the hospital, hence the use at hospitals affect the use in the primary care. *Morphine* and *oxycodone* are equal in effective ness and safty, however the cost of *oxycodone* is substantially. At hospitals *oxycodone* is only marginal more expensive than *morphine* but in primary care *oxycodone* is substantially more expensive.



## "DO"

1. Written information about the recommendation of *morphine* instead of *oxycodone* along with a description of how to change *oxycodone* to *morphine*
2. Oral presentation regarding the change of *oxycodone* to *morphine*
3. Start - Written statistic information concerning the consumption of *oxycodone* and *morphine* at the ward/at the GP
4. Start - Help in the electronic helth record system at the hospital by reminding to prescribe *morphine* instead of *oxycodone*
5. Start - Automatic limitation in the electronic health recored system at the hospital. Standard prescriptions of *oxycodone* are limited to a duration of 3 days

**Results**  
After eighteen months the amount (% DDD)of *oxycodone* used is decreased from 70% to 40% in hospitals and from 61% to 50% in primary care.  
The drug expense of *oxycodone* vs. *morphine*, for the total health care system is thereby reduced by 7% in Region Zealand.

The implementation is still in process \*