

# Quality circles on rational prescribing (Project NDS1)

<b>Submission date</b> 19/03/2007	<b>Recruitment status</b> No longer recruiting	<input type="checkbox"/> Prospectively registered <input type="checkbox"/> Protocol
<b>Registration date</b> 28/03/2007	<b>Overall study status</b> Completed	<input type="checkbox"/> Statistical analysis plan <input checked="" type="checkbox"/> Results
<b>Last Edited</b> 05/01/2021	<b>Condition category</b> Other	<input type="checkbox"/> Individual participant data

**Plain English summary of protocol**  
Not provided at time of registration

**Study website**  
<http://www.a-qz.de>

## Contact information

**Type(s)**  
Scientific

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## Additional identifiers

**EudraCT/CTIS number**

**IRAS number**

**ClinicalTrials.gov number**

**Secondary identifying numbers**  
QC NDS1

# Study information

## Scientific Title

Quality circles on rational prescribing (Project NDS1)

## Study objectives

Participation of general practitioners in quality circles on rational prescribing, including feedback of prescribing data, leads to improvement of prescribing performance.

## Ethics approval required

Old ethics approval format

## Ethics approval(s)

The trial is aimed at implementing evidence-based guidelines into general practice. The intervention is based on peer review groups for General Practitioners (GPs), evidence based guidelines and individual feedback of prescription data to the GPs. In Germany, by the Social Code Book (SGB V) both the regional associations of statutory sick fund doctors (KV) and the regional statutory sick funds like the VdAK/AEV Lower-Saxony are obliged to inform doctors about prescribing and to support them about the use of prescription budgets. In this trial we tried to optimise implementation of what is already asked by the law and measure the effect against a control group.

In a contract signed on July 31st, 2002, between the VdAK/AEV Lower-Saxony, the KV Lower-Saxony (which both are statutory legal institutions) and the research institute it is formulated that the regulations of the law about data protection and protection of patients are to be followed by all partners. A data approval committee of the KV and the VdaK/AEV Lower-Saxony gave positive approval of the contract before it was signed.

## Study design

Non-randomised, clustered, controlled trial

## Primary study design

Interventional

## Secondary study design

Non randomised controlled trial

## Study setting(s)

GP practice

## Study type(s)

Quality of life

## Participant information sheet

## Health condition(s) or problem(s) studied

N/A

## Interventions

Nine meetings of approximately two hours each in a quality circle (eight to 12 members), individual feedback of own prescribing data compared to all practices in the project and compared to all practices in the control group. Background information on prescription drugs, price-comparison lists based on defined daily doses, evidence-based guidelines of the German College of General Practitioners (DEGAM) and the Drug Committee of the German Chamber of Physicians (AKdÄ).

**Intervention Type**

Other

**Phase**

Not Specified

**Primary outcome measure**

Mean prescription costs in Euros

**Secondary outcome measures**

1. Percentage of patients who received a prescription
2. Percentage of generic drugs prescription of all potentially generic prescriptions
3. Percentage recommended lipid lowering drugs of all lipid lowering drugs prescriptions
4. Percentage of recommended antibiotics of all antibiotic prescriptions
5. Percentage of recommended antidiabetics of all antidiabetic prescriptions

**Overall study start date**

01/10/2002

**Completion date**

28/02/2005

## Eligibility

**Key inclusion criteria**

1. Convenience sample of General Practitioners (GPs)
2. Patients who were insured by the VdAK/AEV (Ersatzkassen) sick fund and treated by the participating GPs

**Participant type(s)**

Patient

**Age group**

Not Specified

**Sex**

Not Specified

**Target number of participants**

525 GPs and 225.000 patients

**Key exclusion criteria**

Patients who were not insured by the VdAK/AEV (Ersatzkassen) sick fund

**Date of first enrolment**

01/10/2002

**Date of final enrolment**

28/02/2005

## **Locations**

**Countries of recruitment**

Germany

**Study participating centre**

**Weender Landstrasse 11**

Göttingen

Germany

37073

## **Sponsor information**

**Organisation**

Association of Statutory Sick Funds (VdAK/AEV) - Niedersachsen branch (Germany)

**Sponsor details**

c/o Dr Carsten Göken

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30159

**Sponsor type**

Government

**ROR**

<https://ror.org/03psr2094>

## **Funder(s)**

**Funder type**

Government

**Funder Name**

Association of Statutory Sick Funds (VdAK/AEV) - Niedersachsen branch (Germany)

**Funder Name**

Association of sickness fund doctors (KV) - Lower-Saxony (Germany)

## Results and Publications

**Publication and dissemination plan**

Not provided at time of registration

**Intention to publish date****Individual participant data (IPD) sharing plan****IPD sharing plan summary**

Not provided at time of registration

**Study outputs**

Output type	Details	Date created	Date added	Peer reviewed?	Patient-facing?
<a href="#">Results article</a>	results	01/09/2009	05/01/2021	Yes	No