

Trial Description

Title

Third Sociomedical Panel of Employees 'Rehabilitation and Participation'

Trial Acronym

GSPE-III

URL of the trial

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Brief Summary in Lay Language

The German welfare system provides medical rehabilitation services to prevent health-related early retirement. However, only half of the persons, who receive a disability pension, has utilised medical rehabilitation services before their health-related early retirement. Our study will examine factors that affect the utilisation of rehabilitation and disability pension claims. To answer this question, 10.000 persons, who are registered in the federal German Pension Insurance Fund (GPIF), will be surveyed in 2013, 2015 and 2017. These data will be annually linked to administrative data about utilisation of rehabilitation services and disability pension claims. The sample includes persons who have received sick leave benefits in the previous year and hence represent a risk group for health-related early retirement.

Brief Summary in Scientific Language

In the German welfare system, persons with permanent impairments of their work ability can claim disability pensions due to partially or fully reduced earning capacity (§ 43 SGB VI). The number of persons, who received a disability pension, has been rising since 2005. To prevent health-related early retirement, the German Pension Insurance Fund provides medical rehabilitation services. These services aim to improve and to maintain work ability and occupational participation. However, they require a formal application and imply a conscious decision of the insured person.

In 2010, no previous rehabilitation services were documented for half of all new disability pensions. There is obviously need for rehabilitation, which does not lead to application for and participation in rehabilitation services. The GSPE-III therefore investigates, which personal and social factors affect the participation of medical rehabilitation services and claims of disability pensions. As previous studies have shown that the amount of sick leave benefits is a very important predictor for disability pensions, the GSPE-III is a cohort study of this risk population. Only persons, who received sick leave benefits in the previous year of the first survey, will be included.

The gross sample comprises 10.000 persons aged 40 to 54 years, who are registered in the federal German Pension Insurance Fund (GPIF). The sample will be stratified by gender. Data will be collected by postal surveys in 2013, 2015 and 2017. The data from the questionnaires will be annually linked to administrative data from the individual GPIF account and will be analysed by multivariate

methods, i.e. cox regression, logistic and linear regression und structural equation models.

Do you plan to share individual participant data with other researchers?

[---]*

Description IPD sharing plan

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Organizational Data

- DRKS-ID: **DRKS00004824**
- Date of Registration in DRKS: **2013/05/14**
- Date of Registration in Partner Registry or other Primary Registry: [---]*
- Investigator Sponsored/Initiated Trial (IST/IIT): **yes**
- Ethics Approval/Approval of the Ethics Committee: **Approved**
- (leading) Ethics Committee Nr.: **1730-2013 , Ethikkommission der Medizinischen Hochschule Hannover**

Secondary IDs

- Universal Trial Number (UTN): **U1111-1128-0648**

Health condition or Problem studied

- Free text: **Persons with sick leave benefits in 2012**

Interventions/Observational Groups

- Arm 1: **Participants will be surveyed with a questionnaire in 2013, 2015 and 2017. The questionnaire will be sent by mail. Survey data will be annually linked to administrative data about utilisation of rehabilitation services and disability pension claims from the individual GPIF accounts.**

Characteristics

- Study Type: **Non-interventional**
- Study Type Non-Interventional: **Epidemiological study**
- Allocation: **Single arm study**

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- Blinding: **[---]***
- Who is blinded: **[---]***
- Control: **Uncontrolled/Single arm**
- Purpose: **Other**
- Assignment: **Single (group)**
- Phase: **N/A**
- Off-label use (Zulassungsüberschreitende Anwendung eines Arzneimittels): **N/A**

Primary Outcome

Primary outcomes of the GSPE-III are the utilisation of medical rehabilitation and receipt of a disability pension. These data will be annually extracted from the individual GPIF accounts.

Secondary Outcome

The following variables will be considered as predictors and will be measured in 2013, 2015 and 2017:

- **Work ability (Work Ability Index)**
- **Working conditions (effort-reward imbalance, organisational justice, physical demands, company size)**
- **Health-related quality of life (SF-36)**
- **Health care utilisation and health-related behaviour (number of medical consultations and hospitalizations, the degree of impairment, days of sick leave, body mass index, smoking status, physical activity, alcohol consumption)**
- **Cognitions about rehabilitation services and their application (outcome expectancies, intention, action planning, self-efficacy as adapted from the Health Action Process Approach)**
- **Subjective Prognostic Employment Scale**
- **Social support (Oslo 3-item Social Support Scale)**
- **Personality (Big Five Inventory - short version)**
- **Socio-demographic data**

Countries of recruitment

- **DE Germany**

Locations of Recruitment

- other **Deutsche Rentenversicherung Bund, Berlin**

Recruitment

- Planned/Actual: **Actual**
- (Anticipated or Actual) Date of First Enrollment: **2013/05/23**
- Target Sample Size: **10000**
- Monocenter/Multicenter trial: **Monocenter trial**
- National/International: **National**

Inclusion Criteria

- Gender: **Both, male and female**
- Minimum Age: **40 Years**
- Maximum Age: **54 Years**

Additional Inclusion Criteria

sick leave benefits in 2012

Exclusion criteria

previous receipt of pension benefits; receipt of rehabilitation services during the last four years

Addresses

■ Primary Sponsor

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■ Contact for Scientific Queries

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Contact for Scientific Queries

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■ Contact for Public Queries

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Sources of Monetary or Material Support

- **Public funding institutions financed by tax money/Government funding body (German Research Foundation (DFG), Federal Ministry of Education and Research (BMBF), etc.)**

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Status

- Recruitment Status: **Recruiting complete, follow-up continuing**
- Study Closing (LPLV): [---]*



Trial Publications, Results and other documents

- Paper **Bethge M, Spanier K, Neugebauer T et al. Self-reported poor work ability-An indicator of need for rehabilitation? A cross-sectional study of a sample of German employees. Am J Phys Med Rehabil 2015;94:958-66; 10.1097/phm.0000000000000281**
- Paper **Spanier K, Mohnberg I, Radoschewski FM et al. Sind administrative Daten für Rentenantragsintentionen und Indikatoren subjektiven Rehabilitationsbedarfs prognostisch bedeutsam? Rehabilitation (Stuttg) 2015;54:172-7; 10.1055/s-0035-1548896**
- Paper **Mohnber I, Spanier K, Peters E, Radoschewski FM, Bethge M Determinanten für intendierte Anträge auf medizinische Rehabilitation bei vorgangegangenem Krankengeldbezug. Rehabilitation (Stuttg) 2016;55: 81-87**
- Paper **Peters E, Spanier K, Mohnberg I, Radoschewski FM, Bethge M Soziale Unterstützung als Ressource für Arbeitsfähigkeit. Rehabilitation (Stuttg) 2016; 55: 102-7**
- Paper **Spanier K, Mohnber I, Peters E, Michel E, Radoschewski FM, Bethge M Motivationale und volitionale Prozesse im Kontext der beantragung einer medizinischen Rehabilitationsleistung PmPP 2016; 66: 242-48**

* This entry means the parameter is not applicable or has not been set.

*** This entry means that data is not displayed due to insufficient data privacy clearing.