

## **Data-acquisition for measurement of treatment outcome and satisfaction for persons served at Skogli Health- and Rehabilitation Center**

### **Why collect and report data group?**

In order to provide efficient and effective rehabilitation programs Skogli gathers continuous data from patient stays - both on arrival / departure and follow-up.

### **What data is used?**

Batch arrival and departure efficacy data derived from questionnaires (also included in the individual medical professional assessment). Follow-up Data - through voluntary assignment of posted questionnaires - are only in effect evaluation at group level. Both "Skogli" questions and standardized questionnaires are included.

(Up-coming e-follow-up will however also be part of the medical journal)

All performance data is stored and processed anonymously

Satisfaction assessment is based on the voluntary use of anonymous departure evaluation with the most relevant questions\* from the questionnaire developed by the National Centre for health services.

*\* = derived after factor analyses*

All satisfaction data is anonymous

### **How to record data?**

All data get plotted anonymously in a database (SPSS or Epidata)

Not answered question remains "blank" except when they are included in a standardized questionnaire with a specified missing-data handling routine.

On several answers to the same question – ex. pain from 0-10:

Two adjacent: ex. Checked 4 and 5 - consistently the worst response is plotted (in this case; 5)

Two answers with space in between – or more than two answers. Ex. checked 3 and 5, the mean - rounded to the worst option – is plotted (in this case; 4)

### **How to interpret the data?**

Standard statistical methods are used for describing and evaluating levels and outcome Results are evaluated with regard to change in general, possible normative levels and up to the target levels of Skogli. Paired (at least) data are presented as mean change, mean %-change, effect size and statistical significance.

**How to use background data and outcome reports:**

These data are used internally as part of quality management and presented as official data - including on [www.skogli.no](http://www.skogli.no)

**Bias Rating:**

All "incoming" complete data is recorded, but not all patients fill out questionnaires and despite the intention of 100% staff compliance - not all questionnaires submitted by patients reach registration. Follow-up of on outcome data and satisfaction data is voluntary - thus we do not get response from everyone.

Registration is done - for the time being – by one person, without double checking. All registered forms are filed for up to a year - so opportunity for control exists.

Analysis is done - for the time being – by one person, without double checking.

*Skogli Health- and Rehabilitation Center, April 2023*