

MONITORING AND ASSESSING THE QUALITY OF CARDIAC REHABILITATION

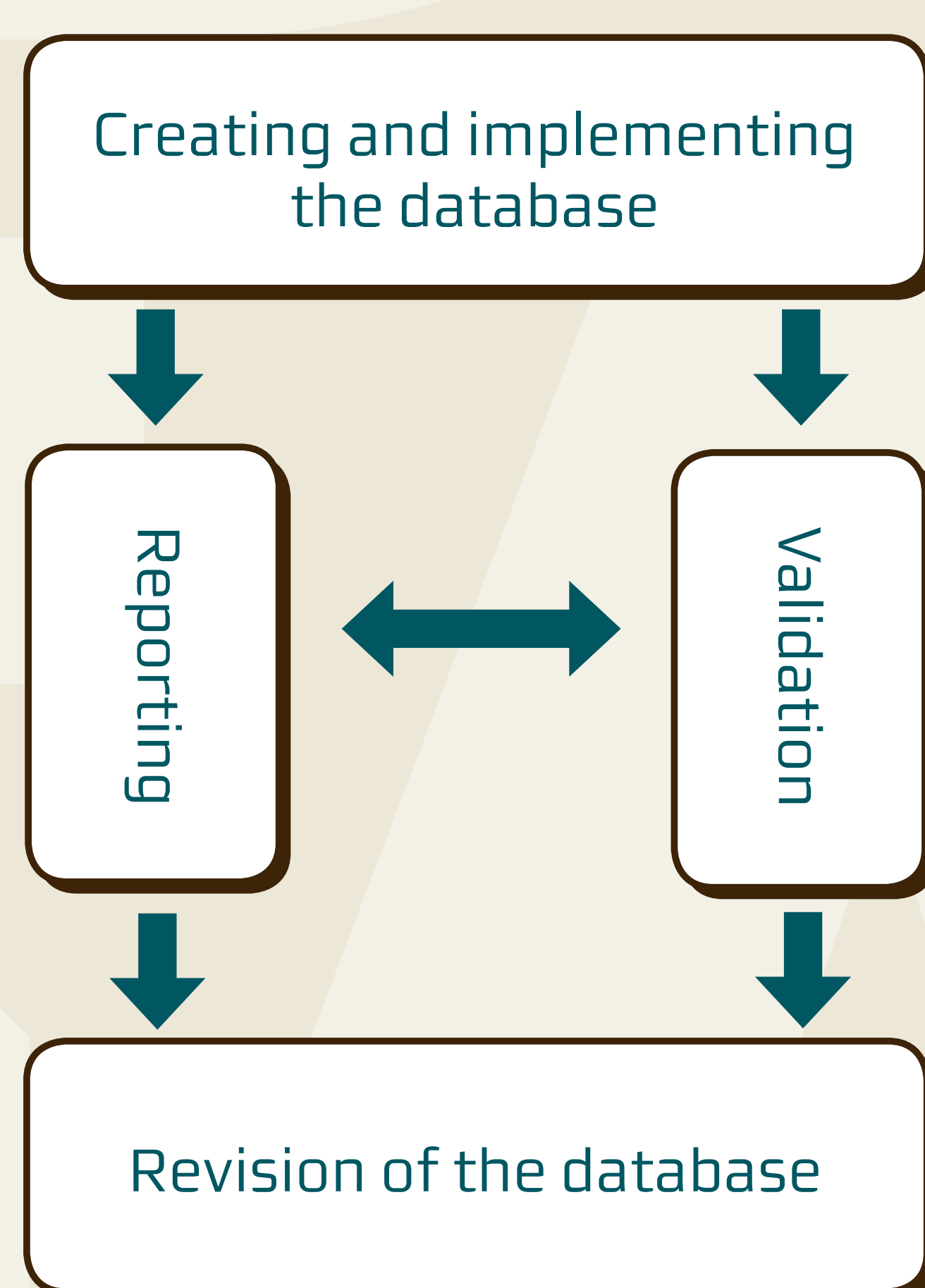
A cooperation between the municipalities in Central Denmark Region and DEFACTUM

Objectives

How can phase 2 non-pharmacological cardiac rehabilitation be monitored in Danish municipalities?

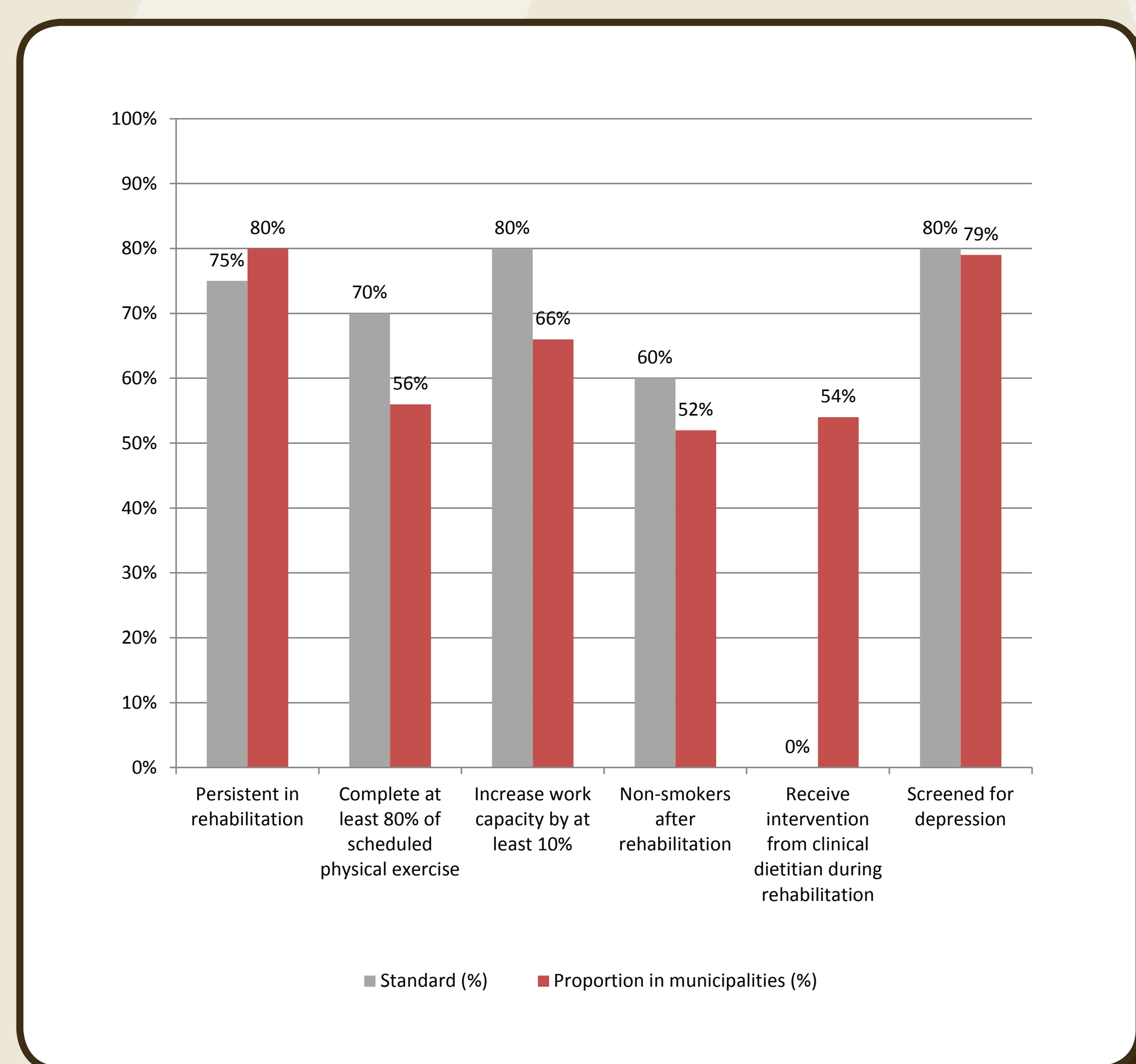
And how can the quality of the rehabilitation and validity of the data be assessed and improved?

The development process



Results

Figure 1: Overall results from the six indicators with matching standards for all participating municipalities for 2017. Results are shown in percentage (N=1,710 patients).



Conclusion

HjerteKomMidt is a newly started database created to monitor municipal cardiac rehabilitation. The 18 municipalities are committed to register clinical data in the database.

The municipalities act on the results of the six indicators in order to meet the standards.

The database has great potential for quality improvement and for research.

Ongoing close cooperation among the main players, improve the validity of the data.

Introduction

Treating patients across health care sectors is a high-risk area. At the same time, the incidence of cardiovascular disease is increasing. In order to ensure focus on these crucial parts of the health care system, disease management programs have been developed.

In the Central Denmark Region, the disease management program for cardiovascular disease was revised in 2015. The revision included moving the phase 2 non-pharmacological cardiac rehabilitation from a hospital setting to a municipal setting.

Consequently it was decided to monitor the quality of the cardiac rehabilitation in the municipalities. In order to meet the requirements of monitoring The Cardiac Rehabilitation Database (HjerteKomMidt) was created.

The municipalities started registering in the database on January 1, 2017.



Methods

The quality of the cardiac rehabilitation is assessed by six indicators (figure 1).

The results are based on data from HjerteKomMidt for 18 municipalities in the Central Denmark Region.

The database registers patients with cardiovascular disease above the age of 18, who are referred to phase 2 non-pharmacological cardiac rehabilitation in a municipal setting in the Central Denmark Region.

Data was extracted on January 2, 2018, and includes 1,710 patients referred from hospitals to the municipalities from January 1, 2017, until December 31, 2017.