

## HTA-Centrum

### Analysis plan for the project – remote monitoring

Analysis plan approved by HTA-centrum on 2022-06-14

This protocol defines the analyses planned to be performed within the project. Deviations from the present plan will be logged and stated in the report.

#### 1. Focused question and PICO

The focused question is defined in terms of patient population (P), Intervention (I), Comparator © and outcomes (O) as below:

#### PICO

<b>P</b>	<p>For all areas below – adult patients if not stated otherwise</p> <ul style="list-style-type: none"> <li>• Heart failure,</li> <li>• Hypertension,</li> <li>• Specialist maternity care,</li> <li>• Chronic obstructive lung disease (COPD),</li> <li>• Asthma,</li> <li>• Sleep apnea,</li> <li>• Inflammatory bowel disease,</li> <li>• Comorbidity in elderly patients in primary care (COPD, diabetes mellitus type II, cardiovascular disease),</li> <li>• Diabetes type I,</li> <li>• Children and adolescents with cystic fibrosis,</li> <li>• Children and adolescents with obesity,</li> <li>• Children and adolescents with ADHD,</li> <li>• Children and adolescents with complex needs,</li> <li>• Children and adolescents with periodic fever,</li> <li>• Spinal damage,</li> <li>• Parkinson disease,</li> <li>• Mental health: sleep diary / lifestyle,</li> <li>• Alcoholism,</li> <li>• Psoriasis,</li> <li>• Glaucoma,</li> <li>• Epilepsy,</li> <li>• Migraine,</li> <li>• Pre- and post orthopedic surgery (including children and adolescents)</li> <li>• Hematology,</li> <li>• Osteoarthritis,</li> <li>• Rehabilitation</li> </ul>
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I	Remote monitoring defined as the following (all should be valid): <ul style="list-style-type: none"> <li>• Continuous measurement / follow up of relevant health-related parameters of a patient located outside healthcare facilities (e.g. at home)</li> <li>• Measurements taken by analogue or digital devices, objective and/or subjective assessments, measurement data delivered digitally to patient and caregiver.</li> <li>• Patient-specific health data are continuously transferred to the caregiver.</li> <li>• Feedback to the patient can be provided by phone or digital technique. The patient may be scheduled for a visit or advised for measures taken at home.</li> </ul>
C	No remote monitoring
O	<ul style="list-style-type: none"> <li>• Patient-relevant benefits and risks,</li> <li>• Costs</li> </ul>

Included publications will be limited to:

Systematic reviews (SR) in English or Swedish published from 2016 onwards will be eligible. (Inclusion is limited to publications from 2016 onwards as previous publications are summarized in an overview provided by Totten et al 2016.)

## 2. Analysis plan

For each of the patient populations specified in the PICO, SRs covering the question will be identified, counted, and listed. Each included SR will be annotated as to whether established methods for SR were used. Further characteristics of the included reviews may be added.

### References:

Totten AM, Womack DM, Eden KB, McDonagh MS, Griffin JC, Grusing S, Hersh WR. Telehealth: Mapping the Evidence for Patient Outcomes From Systematic Reviews. Technical Brief No. 26. (Prepared by the Pacific Northwest Evidence-based Practice Center under Contract No. 290-2015-00009-I.) AHRQ Publication No.16-EHC034-EF. Rockville, MD: Agency for Healthcare Research and Quality; June 2016