

Proposal for definitions of the risk factors

The definitions are graded in levels between one to three, and one is meant as minimum requirements. The purpose is to standardize our definitions so that future merging of data will be more homogenous giving better opportunities for stratification and so on. It is up to the Registry to choose to which level it wants to collect data, ex. only collect LEVEL 1-data or more detailed LEVEL 2 or even LEVEL 3 data. On the last page are the VQI definition, which is for most variables still more detailed.

The definitions have been updated according to our discussion in Copenhagen in September.

The following minimum core variable has been agreed on:

Definitions

Diabetes: Defined as Fasting ≥ 7 mmol/L or Post glucose ≥ 11.1 mmol/L and/or HbA1c $\geq 6.5\%$ ¹, or on antidiabetic medication.

| | | |
|-----------|----------|---|
| Diabetes: | LEVEL 1: | - No - Yes - Unknown |
| | LEVEL2: | Medication: if level I = yes, - Insulin - Oral antidiabetic - Both - Diet - No treatment |
| | LEVEL 3: | HbA1c - |

Heart disease: Three separate variables; Ischemic heart disease, Congestive heart failure and Arrhythmia

Ischemic heart disease, defined as either symptoms as below or previous revascularization.

- LEVEL 1:
- No
 - Asymptomatic (Previous angina but without symptoms > 3 months, or revascularized)
 - Angina pectoris
 - Previous Acute coronary syndrome
 - Unknown

And in a separate field

- Previous PCI/CABG

LEVEL 2: Canadian Cardiovascular Society grading of angina pectoris

- Class 0 [asymptomatic](#).
- Class I – Angina only during strenuous or prolonged physical activity
- Class II – Slight limitation, with angina only during vigorous physical activity
- Class III – Symptoms with everyday living activities, i.e., moderate limitation
- Class IV – Inability to perform any activity without angina or angina at rest, i.e., severe limitation

Pulmonary disease: A diagnosis of Chronic obstructive pulmonary disease or pulmonary medical treatment.

LEVEL 1: No
 No treatment
 Medical treatment,
 Home oxygen
 Unknown

Cerebrovascular disease

Cerebrovascular disease (both ischemic and hemorrhagic) defined as a diagnosis or symptoms.

LEVEL 1: No
Transient ischemic attack (Incl amaurosis fugax)
Stroke
Unknown.

LEVEL 2: Modified Rankin Score

Suggested version of Modified Rankin Score to be used

0 No symptoms at all

1 No significant disability despite symptoms; able to carry out all usual duties and activities

2 Slight disability; unable to carry out all previous activities, but able to look after own affairs without assistance

3 Moderate disability; requiring some help, but able to walk without assistance

4 Moderately severe disability; unable to walk without assistance and unable to attend to own bodily needs without assistance

5 Severe disability; bedridden, incontinent and requiring constant nursing care and attention

6 Dead

Hypertension:

| | | |
|------------------------|----------|--|
| | LEVEL 1: | No Yes (bp>140/90 or medical treatment) |
| | LEVEL 2: | Treated controlled, Treated uncontrolled (bloodpressure bp>140/90 despite treatment) |
| cause of hypertension: | LEVEL 3: | Essential Renal sclerotic Fibro muscular dysplasia Other (endocriologic) |

Should be collected:

Renal disease

| | | |
|-------------|----------|--|
| | LEVEL 1: | No Dialysis Functional Renal transplant Unknown |
| Independent | | Creatinine level |

LEVEL 3: eGFR

We will collect data on definition of renal disease depending on national recommendations, and national unites.

Smoking

LEVEL 1: current smoker, previous smoker, never smoked

Former smoker defined as more than 3 months since smoking cessation

References

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