

Supplementary table: ADYS questionnaire-basis for patient

interview

1.	Living in Malmö: 1-Yes, 2-No, 9-Unknown
2.	If Malmö, which suburban district: 1-Centrum, 2-Södra Innerstaden, 3-Västra Innerstaden, 4-Limhamn Bunkeflo, 5-Hyllie, 6-Fosie, 7-Oxie, 8-Rosengård, 9-Husie, 10-Kirseberg, 11-Unknown
3.	Preliminary symptom at arrival/cause of visit: 1-Dyspnea, 2-CHF, 3-CAD, 4-COPD/Asthma, 5-Pneumonia, 6-Tromboembolic disease, 7-Anxiety, 8-Other diagnosis, 9-Unknown.
4.	Manner of visit: 1- Own initiative, 2-Referral from Primary health care, 3-Referral from other, 9-Unknown
5.	If referral from other, state whom:
6.	Civil status: 1- married/partner, 2- partner with separate accommodation, 3-single, 9-unknown
7.	Heredity: 1-cardiovascular disease, 2-pulmonary disease, 3- rheumatic disease, 4-cancer, 5-other, 9-unknown
8.	State profession:
9.	Home medical health care: 1-yes, 2-no, 9-unknown
10.	Home care: 1-yes, 2-no, 9-unknown
11.	Technical aids in the home: 1-yes, 2-no, 9-unknown
12.	Nursing home: 1-yes, 2-no, 9-unknown
13.	Close relative in Scania: 1-yes, 2-no, 9-unknown
14.	Need for interpreter: 1-yes, 2-no, 9-unknown
15.	Ethnical background; born in 1-Sweden, 2-Europe both not Sweden, 3-Outside of Europe
16.	Smoker: 1-never smoked, 2-previous smoker, terminated >1 month, 3-smoker (party smoker) > 1month, 9-unknown
17.	Passive smoker: 1-yes, 2-no, 3-prior > 1 month, 9-unknown
18.	Amount of alcohol per week: 1-none, 2-less than 4 glasses (20 cl) wine (or corresponding amount beer/liquor) per week, 3- more than 4 glasses (20 cl) wine (or corresponding amount beer/liquor) per week, 4-somatic signs of alcoholism, 9-unknown
19.	Drug abuse: 1-yes, 2-no, 9-unknown
20.	Need for social care planning: 1-yes, 2-no, 9-unknown
21.	Previous/ongoing coronary heart disease (CHD): 1-yes, 2-no, 9-unknown
22.	Previous/ongoing congestive heart failure (CHF): 1-yes, 2-no, 9-unknown
23.	Previous/ongoing atrial flutter/fibrillation: 1-yes, 2-no, 9-unknown
24.	Previous/ongoing Chronic Obstructive Pulmonary Disease (COPD): 1-yes, 2-no, 9-unknown

25.	Previous/ongoing Asthma: 1-yes, 2-no, 9-unknown
26.	Previous/ongoing Restrictive pulmonary disease: 1-yes, 2-no, 9-unknown
27.	Previous/ongoing Other pulmonary disease: 1-yes, 2-no, 9-unknown
28.	Previous/ongoing Neuromuscular disease (post-polio syndrome included): 1-yes, 2-no, 9-unknown
29.	Previous/ongoing Rheumatic disease: 1-yes, 2-no, 9-unknown
30.	Previous/ongoing Pulmonary embolus/thromboembolic disease: 1-yes, 2-no, 9-unknown
31.	Previous/ongoing Pneumonia or other serious infections requiring hospitalization: 1-yes, 2-no, 9-unknown
32.	Previous/ongoing Anaemia (women Hb<115g/L, men <130g/L): 1-yes, 2-no, 9-unknown
33.	Previous/ongoing Cancer: 1-yes, 2-no, 9-unknown
34.	Previous/ongoing Obesity (BMI>30 kg/m²): 1-yes, 2-no, 9-unknown
35.	Previous/ongoing Diabetes mellitus: 1-yes, 2-no, 9-unknown
36.	Previous/ongoing Hypertension: 1-yes, 2-no, 9-unknown
37.	Previous/ongoing Stroke or Transitory Ischemic Attack: 1-yes, 2-no, 9-unknown
38.	Previous/ongoing Dementia: 1-yes, 2-no, 9-unknown
39.	Previous/ongoing Anxiety disorder: 1-yes, 2-no, 9-unknown
40.	Previous/ongoing Depression: 1-yes, 2-no, 9-unknown
41.	Previous/ongoing Parenchymatic Kidney Disease: 1-yes, 2-no, 9-unknown
42.	Previous/ongoing Hip Fracture: 1-yes, 2-no, 9-unknown
43.	State previous/ongoing other disease:
44.	Medication with ACE inhibitor: 1-yes, 2-no, 9-unknown
45.	Medication with anticoagulant: 1-yes, 2-no, 9-unknown
46.	Medication with A2 inhibitor: 1-yes, 2-no, 9-unknown
47.	Medication with antipsychotics: 1-yes, 2-no, 9-unknown
48.	Medication with antidepressant: 1-yes, 2-no, 9-unknown
49.	Medication with acetyl salicylic acid: 1-yes, 2-no, 9-unknown
50.	Medication with other platelet inhibitor (i.e. Clopidogrel): 1-yes, 2-no, 9-unknown
51.	Medication with betablocker: 1-yes, 2-no, 9-unknown
52.	Medication with calcium inhibitor: 1-yes, 2-no, 9-unknown
53.	Medication with insulin: 1-yes, 2-no, 9-unknown
54.	Medication with oral diabetic medication: 1-yes, 2-no, 9-unknown
55.	Medication with digitalis: 1-yes, 2-no, 9-unknown
56.	Medication with diuretics: 1-yes, 2-no, 9-unknown
57.	Medication with aldosterone inhibitor: 1-yes, 2-no, 9-unknown
58.	Medication with pulmonary inhalators: 1-yes, 2-no, 9-unknown

59.	Medication with corticosteroids: 1-yes, 2-no, 9-unknown
60.	Medication with levothyroxine: 1-yes, 2-no, 9-unknown
61.	Medication with long-acting nitroglycerin: 1-yes, 2-no, 9-unknown
62.	Medication with anxiolytics: 1-yes, 2-no, 9-unknown
63.	Medication with analgesics: 1-yes, 2-no, 9-unknown
64.	State name of medications if other relevant medication:
65.	State total number of drugs:
66.	How/in what way is the medication administered: 1- self, 2- relative,3-other, 4-unknown
67.	If other, state whom (e.g. district nurse):

Supplementary table: ADYS registered variables

1.	Visit date (yyyy-mm-dd):
2.	Social security number:
3.	Birth date (yyyy-mm-dd):
4.	Gender: 1-Male, 2-Female
5.	Arrival by ambulance: 1-yes, 2-no, 9-unkown
6.	Ambulance alarm: 1-yes, 2-no, 9-unkown
7.	METTS priority: 1-red, 2-orange, 3-yellow, 4-green, 9-unknown
8.	If previous CHF, was echo ever performed: 1-yes, 2-no, 9-unkown
9.	If previous echo, what was the result of EF: 1-normal (>50%), 2-slightly impaired (40-49%), 3-moderately impaired (30-39%), 4-severely impaired (<30%), 9-unknown
10.	If previous echo, sign of diastolic dysfunction: 1-yes, 2-no, 9-unkown
11.	Height (m):
12.	Weight (kg):
13.	Body Mass Index (kg/m²):
14.	Systolic blood pressure (mmHg):
15.	Diastolic blood pressure (mmHg):
16.	Heart rate (bpm):
17.	Pulse oximetry (%):
18.	If oxygen treatment, state how many liters:
19.	Respiratory rate (per minute):
20.	Body temperature (C°):
21.	Pulmonary auscultation: 1-normal, 2-abnormal
22.	Level of shortness of breath/dyspnea: 1-unaffected, 2-mild shortness of breath, 3-shortness of breath on exertion, 4-shortness of breath at rest
23.	ECG taken at the ED: 1-yes, 2-no, 9-unkown
24.	ECG rhythm: 1-sinus rhythm, 2-atrial fibrillation/flutter, 3-other, 9-unknown
25.	ECG QRS: 1-normal, 2-pacemaker, 3-left bundle branch block, 4-Q-wave, 5- right bundle branch block, 6-other, 9-unknown
26.	ECG STT: 1-normal, 2-ST-elevation, 3-ST-depression, 4-pathological T-wave, 5-other, 9-unknown
27.	Medication at ED newly introduced and/or temporary treatment; diuretics: 1-yes, 2-no, 9-unkown
28.	Medication at ED newly introduced and/or temporary treatment; digitalis: 1-yes, 2-no, 9-unkown
29.	Medication at ED newly introduced and/or temporary treatment; nitrates: 1-yes, 2-no, 9-unkown

30.	Medication at ED newly introduced and/or temporary treatment; oxygen: 1-yes, 2-no, 9-unkown
31.	Medication at ED newly introduced and/or temporary treatment; continuous positive airway pressure: 1-yes, 2-no, 9-unkown
32.	Medication at ED newly introduced and/or temporary treatment; bronchodilator inhalations: 1-yes, 2-no, 9-unkown
33.	Medication at ED newly introduced and/or temporary treatment; corticosteroids: 1-yes, 2-no, 9-unkown
34.	Medication at ED newly introduced and/or temporary treatment; theophylline: 1-yes, 2-no, 9-unkown
35.	Medication at ED newly introduced and/or temporary treatment; beta-2-stimulant injection: 1-yes, 2-no, 9-unkown
36.	Medication at ED newly introduced and/or temporary treatment; blood transfusion: 1-yes, 2-no, 9-unkown
37.	Medication at ED newly introduced and/or temporary treatment; antibiotics: 1-yes, 2-no, 9-unkown
38.	Medication at ED newly introduced and/or temporary treatment; if other relevant medication state which:
39.	Examination at the ED performed; X-ray: 1-yes, 2-no, 9-unkown
40.	Examination at the ED performed; if chest x-ray state the result: 1-normal, 2-congestion, 3-pleural effusion, 4-parenchymal infiltration (incl. suspect TB & malignancy)5- pneumothorax, 6-other, 9-unkown
41.	Examination at the ED performed; echo: 1-yes, 2-no, 9-unkown
42.	Examination at the ED performed; if echo state the result of EF : 1-normal (>50%), 2-slightly impaired (40-49%), 3-moderately impaired (30-39%), 4-severely impaired (<30%), 9-unkown
43.	Examination at the ED performed; if echo, was the pressure in the pulmonary arteries elevated: 1-yes, 2-no, 9-unkown
44.	Examination at the ED performed; if echo, signs of diastolic dysfunction: 1-yes, 2-no, 9-unkown
45.	Examination at the ED performed; computer scan of thorax: 1-yes, 2-no, 9-unkown
46.	Examination at the ED performed; if computer scan of thorax, state the main result: 1-normal, 2-congestion, 3-pleural effusion, 4-malignancy, 5-pneumonia, 6-pulmonary embolus, 7-pneumothorax, 8-other pulmonary disease, 9-unkown
47.	Examination at the ED performed; pulmonary scintigraphy: 1-yes, 2-no, 9-unkown
48.	Examination at the ED performed; if pulmonary scintigraphy, state the result: 1- probable pulmonary embolism, 2-other diagnose (incl. pulmonary embolism cannot be ruled out), 9-unkown
49.	Examination at the ED performed; stress test of the heart: 1-yes, 2-no, 9-unkown

50.	Examination at the ED performed; if stress test of the heart, which: 1- exertion test, 2- myocardial scintigraphy, 3-stress echocardiography
51.	Examination at the ED performed; if stress test of the heart, state the result: 1-normal, 2-pathological, 3-not assessable, 9-unknown
52.	Examination at the ED performed; x-ray/angiography of coronaries: 1-yes, 2-no, 9-unkown
53.	Examination at the ED performed; if other relevant examinations state what:
54.	CRP (mg/L):
55.	Haemoglobin count (g/L):
56.	White blood cells (leukocytes) count (x10 ⁹ /L):
57.	Sodium (mmol/L)
58.	Potassium (mmol/L)
59.	Creatinine (umol/L)
60.	Ionized calcium (mmol/L)
61.	Troponin T (ng/L)
62.	Glucose (mmol/l)
63.	Venous pH
64.	Venous pCO² (kPa)
65.	Venous base excess (mmol/l)
66.	Lactate (mmol/L)
67.	Total carbon dioxide (mmol/l)
68.	Is arterial blood gas taken: 1-yes, 2-no, 9-unkown
69.	Biobank blood samples taken: 1-yes, 2-no, 9-unkown
70.	Biobank DNA test taken: 1-yes, 2-no, 9-unkown
71.	Admitted to hospital in ward: 1-yes, 2-no, 9-unkown
72.	If admitted to ward, what type: 1-internal medicine ward, 2-intensive care unit, 3-emergency ward, 4-cardiology ward, 5-pulmonary ward, 6- infection ward, 7-other ward, 9-unknown
73.	If other ward, state which:
74.	If discharged from hospital, to where: 1-independent living, 2- temporary other accommodation, 3-permanent other accommodation, 4- another healthcare clinic, 5-other, 9-unknown
75.	Deceased during ED stay: 1-yes, 2-no, 9-unkown
76.	First diagnose at discharge from ED: 1-CHF, 2-acute coronary syndrome, 3-COPD/asthma, 4-pneumonia/other serious infection, 5- thromboembolic disease, 6-malignancy, 7-anxiety disorder, 8-other disease, 9-unknown
77.	If other first diagnose, state which:
78.	Second diagnose at discharge from ED: 1-CHF, 2-acute coronary syndrome, 3-COPD/asthma, 4-pneumonia/other serious infection, 5- thromboembolic disease, 6-malignancy, 7-anxiety disorder, 8-other disease, 9-unknown

79.	If other second diagnose, state which:
80.	Third diagnose at discharge from ED: 1-CHF, 2-acute coronary syndrome, 3-COPD/asthma, 4-pneumonia/other serious infection, 5-thromboembolic disease, 6-malignancy, 7-anxiety disorder, 8-other disease, 9-unknown
81.	If other third diagnose, state which:
82.	Fourth diagnose at discharge from ED: 1-CHF, 2-acute coronary syndrome, 3-COPD/asthma, 4-pneumonia/other serious infection, 5-thromboembolic disease, 6-malignancy, 7-anxiety disorder, 8-other disease, 9-unknown
83.	If other fourth diagnose, state which:
84.	If other relevant diagnose at discharge from ED, state which?
85.	Deceased during care in the hospital ward: 1-yes, 2-no, 9-unkown
86.	First diagnose at discharge from hospital ward: 1-CHF, 2-acute coronary syndrome, 3-COPD/asthma, 4-pneumonia/other serious infection, 5-thromboembolic disease, 6-malignancy, 7-anxiety disorder, 8-other disease, 9-unknown
87.	If other first diagnose, state which:
88.	Second diagnose at discharge from hospital ward: 1-CHF, 2-acute coronary syndrome, 3-COPD/asthma, 4-pneumonia/other serious infection, 5-thromboembolic disease, 6-malignancy, 7-anxiety disorder, 8-other disease, 9-unknown
89.	If other second diagnose, state which:
90.	Third diagnose at discharge from hospital ward: 1-CHF, 2-acute coronary syndrome, 3-COPD/asthma, 4-pneumonia/other serious infection, 5-thromboembolic disease, 6-malignancy, 7-anxiety disorder, 8-other disease, 9-unknown
91.	If other third diagnose, state which:
92.	If other relevant diagnose at discharge from hospital ward, state which:

EF=ejection fraction; echo=echocardiogram; ECG=electrocardiogram; ED=emergency department; bpm=beats per minute; CHF=congestive heart failure;

