

Supplementary material

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Definitions

The door-to-PCI time was obtained by subtracting the exact time of hospital admission from the time of starting the procedure. Since the data on creatinine levels were not available in the PL-ACS registry for some analyzed patients, a simplified version of the GRACE (Global Registry of Acute Coronary Events) risk score (adjusted mini-GRACE) was calculated using the variable “renal failure” instead of exact creatinine level. Obesity was defined as a body mass index over 30 kg/m². Definitions of non-ST-elevation myocardial infarction, hypercholesterolemia, hypertension, and diabetes were in line with the definitions included in the latest available at the time of patients’ enrolment clinical practice guidelines of the European Society of Cardiology and Diabetes Poland (Polish Diabetes Association).

Table S1. List of variables used for propensity score model development

Variable	Annotation
Sex	Dichotomous
Age	Continuous
Year of admission	Continuous
Admission at night	Dichotomous
Admission on weekend	Dichotomous
Pain-to-admission time	Continuous
Self-referral	Dichotomous
Body mass index	Continuous
Infarct-related artery	Categorical
ST segment depression	Dichotomous
Left or right bundle branch block	Dichotomous
Heart rate	Continuous
Atrial fibrillation	Dichotomous
NYHA class	Categorical
Systolic blood pressure	Continuous
Diastolic blood pressure	Continuous
Ejection fraction	Continuous
Killip class	Dichotomous
Smoking status	Current vs. former vs. never-smokers
Diabetes mellitus	Dichotomous
Arterial hypertension	Dichotomous
Hypercholesterolemia	Dichotomous
Family history of coronary artery disease	Dichotomous
Previous history of coronary artery disease	Dichotomous
Previous myocardial infarction	Dichotomous
Previous percutaneous coronary intervention	Dichotomous
Previous coronary artery bypass grafting	Dichotomous

Previous stroke	Dichotomous
Heart failure	Dichotomous
Peripheral artery disease	Dichotomous
Chronic kidney disease	Dichotomous
Chronic obstructive pulmonary disease	Dichotomous
GRACE score	Continuous