

## Tables & Figures

Table 1A: Baseline Characteristics of included patients.

	No hCAD		HCAD		p
<b>N</b>	739		362		
<b>Age in years (median/IQR)</b>	60	46 - 74	74	65 - 82	<0.001
<b>Grace Score (median/IQR)</b>	93	62 - 125	125	104 - 147	<0.001
<b>Creatinin in mg/dl (median/IQR)</b>	0,9	0.8 - 1.1	1,1	0.9 - 1.4	<0.001
<b>Female (%/N)</b>	45,7	338	31,2	113	<0.001
<b>Pre hospital ECG (%/N)</b>	20,7	153	31,8	115	<0.001
<b>Diabetes mellitus (%/N)</b>	13,7	101	27,9	101	<.0001
<b>Arterial hypertension (%/N)</b>	44,1	326	79,6	288	<0.001
<b>Chronic kidney failure (%/N)</b>	5,1	38	25,7	93	<0.0001
<b>Positive family history for CV events (%/N)</b>	13	96	18,2	66	0,02
<b>Hyperlipidaemia (%/N)</b>	12,7	94	51,4	186	<0.001
<b>History of Smoking (%/N)</b>	23,7	175	20,2	73	0,2
<b>TIMI Score (median/IQR)</b>	2	2 - 3	1	0 - 2	<0.0001
<b>Peripheral artery disease (%/N)</b>	2	16	14	49	<0.0001
<b>Emergency admission* (%/N)</b>	49	362	66	238	<0.001
<b>Self Referral (%/N)</b>	30	223	15	56	<0.001
<b>Time point of admission</b>					
<b>Morning shift (%/N)</b>	42	308	48	175	0,04
<b>Night shift (%/N)</b>	20	150	18	65	0,4
<b>Late shift (%/N)</b>	38	281	34	122	0,2

Table 1B: Outcome of included patients.

	No hCAD		HCAD		p
<b>N</b>	739		362		
<b>Time-to-EKG in minutes (median/IQR)</b>	22	14 - 37	20	13 - 30	<0.001
<b>Via Emergency Doctor Time-to-EKG in minutes (median/IQR)</b>	2	0 - 15	16	12 - 23	<0.001
<b>Via ambulance service Time-to-EKG in minutes (median/IQR)</b>	20	12 - 35	19	14 - 25	<0.001
<b>Self referral Time-to-EKG in minutes (median/IQR)</b>	32	20 - 51	30	16 - 49	0,5

<b>Total time in CPU in hours (median/IQR)</b>	6,4	5 - 11	7,5	5 - 10	<.0001
<b>First Symptoms to admission in hours (median/IQR)</b>	12	5 - 18	0,8	0,6 - 11	<0.001

Table 2A: Baseline Characteristics of patients who received coronary angiography.

	<b>No hCAD</b>		<b>HCAD</b>		<b>p</b>
<b>N</b>	179		172		
<b>Age in years (median/IQR)</b>	67	57 - 75	73	63 - 80	<0.001
<b>Troponin T µg/L at admission (median/IQR)</b>	0,02	0.01 – 0.15	0,02	0.01 – 0.05	0,3
<b>GRACE score (median/IQR)</b>	108	88 – 134	125	105 – 150	<0.001
<b>Sex (male) (%/N)</b>	52	93	70	121	<0.001
<b>TIMI Score (mean/SD)</b>	1,9	±1.1	2,4	±0.93	<0.001

Table 2B: Outcome of patients who received coronary angiography.

	<b>No hCAD</b>		<b>HCAD</b>		<b>p</b>
<b>N</b>	179		172		
<b>Admission to coronary angiography in hours (median/IQR)</b>	24.5	5 – 54	33.3	9 – 68	<b>0.01</b>
<b>Results of angiogram</b>					
<b>Percutaneous transluminal coronary angioplasty (%/N)</b>	42	76	45	79	0.4
<b>Percutaneous coronary intervention (%/N)</b>	42	76	44	76	0.8
<b>Number of Stents (median/IQR)</b>	1	1-2	1	1-2	0.7
<b>Number of involved vessels (median/IQR)</b>	2	1-3	3	2-3	<b>0.004</b>
<b>Stable Disease/Exclusion of relevant CAD (%/N)</b>	56	101	53	91	0.5
<b>NSTEMI (%/N)</b>	25.1	45	36	62	<b>0.02</b>
<b>NSTEMI Admission to coronary angiography (hours) (median/IQR)</b>	20.7	6 – 33	29.5	10 – 48	<b>0.01</b>
<b>STEMI (%/N)</b>	8.4	15	7.5	6	0.8
<b>NSTEMI patients CK-max. (U/I) within 48 hours after admission (median/IQR)</b>	357	162 – 791	245	110 – 385	<b>0.03</b>

Table 3A: Multivariable median regression analysis (all patients. N=1.101). Dependent variable: Door-to-ECG time.

	<b>Coefficient</b>	<b>P-Value</b>	<b>95%CI</b>	
<b>HCAD</b>	-3.00	<b>0.007</b>	-5.16	-0.84
<b>Emergency admission*</b>	-3.53	<b>0.001</b>	-5.69	-1.38
<b>Early shift</b>	Reference			
<b>Night shift</b>	-4.85	<b>&lt;0.001</b>	-7.39	-2.32
<b>Late shift</b>	-1.76	0.159	-4.20	0.69
<b>Female</b>	0.48	0.659	-1.65	2.61
<b>Age</b>	0.07	<b>0.012</b>	0.02	0.13

\*Referred via Emergency Doctor, Rescue services, airborne rescue services/air rescue

Table 3B: Multivariable median regression analysis (Emergency patients\* only, N=598) . Dependent variable: Door-to-ECG time.

	<b>Coefficient</b>	<b>P-Value</b>	<b>95%CI</b>	
<b>HCAD</b>	<b>-3.93</b>	<b>0.006</b>	<b>-6.74</b>	<b>-1.12</b>
<b>Early shift</b>	Reference			
<b>Night shift</b>	<b>-2.67</b>	0.154	<b>-6.36</b>	<b>1.01</b>
<b>Late shift</b>	<b>-1.95</b>	0.249	<b>-5.28</b>	<b>1.37</b>
<b>Female</b>	<b>0.77</b>	0.608	<b>-2.17</b>	<b>3.70</b>
<b>Age</b>	<b>0.05</b>	0.229	<b>-0.03</b>	<b>0.12</b>

\*Referred via Emergency Doctor, Rescue services, airborne rescue services/air rescue