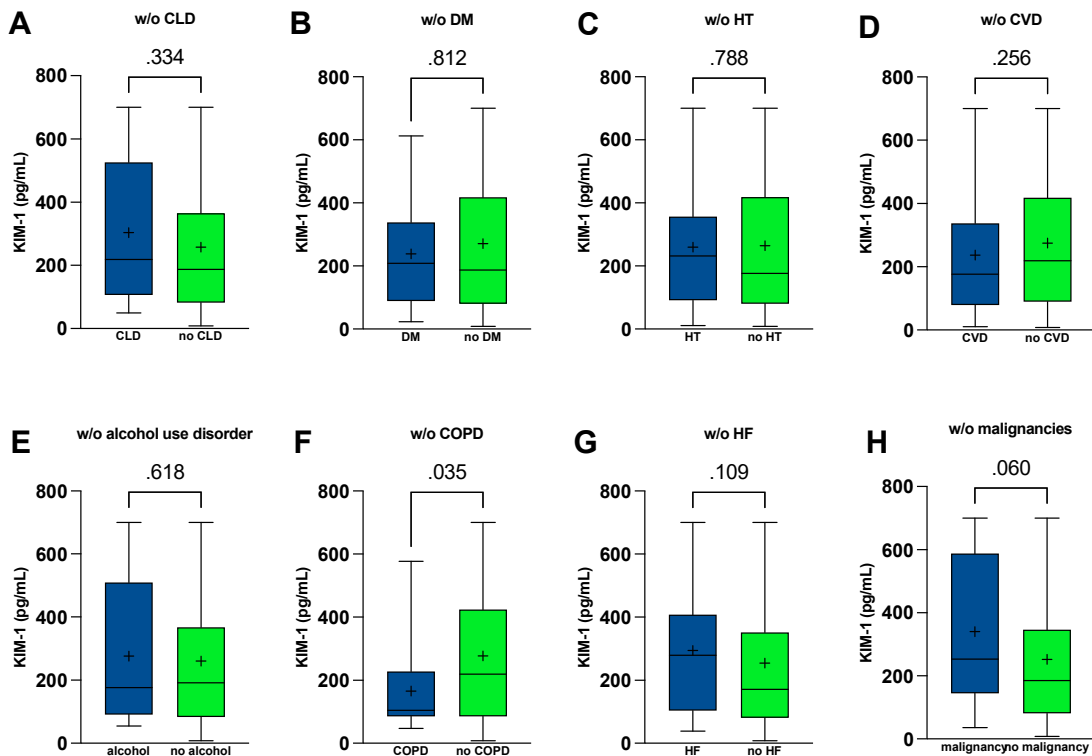


sKIM-1 levels depending on:

i. known comorbidities



Supplemental Figure S1. Serum KIM-1 levels depending on known comorbidities at the time of admission: In patients with (A) chronic liver disease, (B) diabetes mellitus, (C) hypertension, (D) cardiovascular disease, (E) alcohol use disorder, (F) chronic obstructive pulmonary disease, (G) heart failure, (H) malignancies compared to those without. *p* values reported are from Mann-Whitney U test and were considered statistically significant at $p < .05$. Medians with first and third quartile are shown. Means are shown as +. Whiskers represent lowest and highest value. CVD, Cardiovascular disease. CLD, Chronic liver disease. COPD, Chronic obstructive pulmonary disease. DM, diabetes mellitus. HF, heart failure. HT, hypertension. W/o, with/without.

Supplemental Table S1. Correlations of different clinical and laboratory parameters with KIM-1 serum concentrations at ICU admission.

Parameters	r	P value
<i>Demographics</i>		
Age	.069	.312
Body mass index	.211	.115
<i>Blood count and markers of inflammation</i>		
White blood cells	.154	.034
Haemoglobin	-.178	.014
Platelets	-.181	.012
C-reactive protein	.257	<.001
Procalcitonin	.357	<.001
Interleukin 6	-.075	.361
<i>Electrolytes and renal system</i>		
Sodium	-.036	.619
Potassium	.127	.078
Calcium, total	-.162	.025
Phosphate	.176	.019
Urea	.382	<.001
Creatinine	.340	<.001
Cystatin C	.429	<.001
Ureic acid	.169	.035
Days of RRT	.262	<.001
<i>Cardiopulmonary system and fluid balance</i>		
NTproBNP	.314	.002
Vasopressor demand (day 0)	.117	.552
Diuresis (day 0)	-.059	.420
Net fluid balance (day 0)	.109	.139
<i>Hepato-biliary system and coagulation</i>		
Albumin	-.151	.089
Bilirubin, total	.238	<.001
Alanine amino transferase (ALAT)	-.005	.944
Aspartate amino transferase (ASAT)	.135	.072
Gamma-glutamyl transferase (GGT)	.245	<.001
Alkaline phosphatase (ALP)	.283	<.001
Lipase	.024	.944
INR	.152	.039
pTT	.220	.003
Prothrombin time (Quick)	-.163	.026
<i>Scoring systems and ICU</i>		
SOFA score (day 0)	.389	<.001
SAPS II (day 0)	.165	.123
APACHE II (day 0)	.224	.005
Days on the ICU	.025	.728

APACHE II, Acute physiology and chronic health evaluation II. ICU, Intensive care unit. INR, International normalized ratio. NTproBNP, N-terminal prohormone of brain natriuretic peptide. pTT, Partial thromboplastin time. RRT, Renal replacement therapy. SOFA, Sequential organ failure assessment. SAPS II, Simplified acute physiology score II.