**List of Abbreviations:**

COVID-19: coronavirus disease-2019

SARS-CoV-2: severe acute respiratory syndrome coronavirus 2

CRP: C-reactive protein

CAR: CRP to Albumin ratio

CPR: CRP to platelet ratio

CLR: CRP to lymphocyte ratio

ANDC: = \_1.14 × age − 20\_\_years\_ + 1.63 ×NLR + 5.00 × D −dimer\_mg/L\_ + 0.14 × CRP mg/L.

NLR: neutrophil to lymphocyte ratio

TLC: total leukocyte count

LDH: lactic dehydrogenase

NIV: non invasive ventilation

IMV: mechanical ventilation

ICU: intensive care unit