

Appendix 1 Baseline hematological tests included the following indices

Alanine aminotransferase (ALT)
Aspartate aminotransferase (AST)
Aspartate aminotransferase to alanine aminotransferase ratio (AS/AL)
Cholinesterase (CHE)
Alkaline phosphatase (ALP)
 γ -glutamyl transpeptidase (GGT)
Total bile acid (TBA)
Total bilirubin (TBIL)
Direct bilirubin (DBIL)
Indirect bilirubin (IBIL)
Total protein (TP)
Albumin (ALB)
Globulin (GLOB)
Albumin to globulin ratio (A/G)
Urea (UREA)
Cystatin c (CYSC)
Uric acid (UA)
Creatine kinase (CK)
Lactate dehydrogenase (LDH)
Glucose (GLU)
Triglycerides (TG)
Cholesterol (CHO)
High-density lipoprotein cholesterol (HDL-C)
Low-density lipoprotein cholesterol (LDL-C)
Apolipoprotein A1 (ApoA1)
Apolipoprotein B (Apo-B)
C-reactive protein (CRP)
Serum amyloid protein A (SAA)
Creatinine (CRE)
White blood cell (WBC)
Neutrophil absolute count (NE)
Lymphocyte absolute value (LY)
Monocyte absolute count (MO)
Eosinophil absolute count (EO)
Basophil absolute count (BA)
Red blood cell (RBC)
Hemoglobin (HGB)
Platelet count (PLT)
Platelet to lymphocytes ratio (PLR)
Neutrophil to lymphocytes ratio (NLR)
Lymphocyte to monocyte ratio (LMR)

Appendix 2 Final HIBS

HIBS = 0.000638881945218791 * Alanine aminotransferase
+0.00904751153042319 * γ -glutamyl transpeptidase
-0.031583796451607 * Total bile acid
-0.0235187779183258 * Albumin
-0.000260802838625306 * Creatinine
-0.00268839627280692 * Cystatin c
-0.166423281429543 * Apolipoprotein A1
-0.000511174240554577 * White blood cell
+0.788383843692401 * Monocyte absolute count
-0.243815204296448 * Eosinophil absolute count
-0.000399727194406027 * Hemoglobin
-0.00205178484108896 * Platelet count
+0.00462519207640982 * Platelet to lymphocytes ratio
-0.074921917749319 * Lymphocyte to monocyte ratio