OHSU Core and CHH2 Laboratories eGFR and LDL Formulas

eGFR (Age ≥18 yrs ONLY) (mL/min/1.73m²)

MALE, CREAT/0.9≤1 142*(creatinine plasma/0.9)^(-0.302))*(0.9938^(patient age in yrs))

MALE, CREAT/0.9>1 142*(creatinine plasma/0.9)^(-1.200))*(0.9938^(patient age in yrs))

FEMALE, CREAT/0.7≤1 143.704*(creatinine plasma/0.7)^(-0.241))*(0.9938^(patient age in yrs))

FEMALE, CREAT/0.7>1 143.704*(creatinine plasma/0.7)^(-1.200))*(0.9938^(patient age in yrs))

eGFR with Cystatin C

2021 CKD-EPI Creatinine Equation
eGFR = 142 × min(SCr/κ,1) α × max(SCr/κ,1) -1.200 × 0.9938 Age × 1.012 [if female]

Abbreviations/units:
eGFR = estimated GFR in mL/min/1.73 m2
SCr = standardized serum creatinine in mg/dL
κ = 0.7 (females) or 0.9 (males)
α = -0.241 (females) or -0.302 (males)
min = indicates the minimum of SCr/κ or 1
max = indicates the maximum of SCr/κ or 1
age = years

LDL Cholesterol, Calculated (Trig <300 mg/dL)

(Cholesterol – HDL) – (Triglyceride/5)