

**Supplemental Data Table S1.** Medical decision levels for each test based on the consensus of medical professionals and clinical research

Test	Decision levels		Evidence
HbA1c	6.5%	7.0%	2021 Standards of Medical Care in Diabetes [15]
Cr	0.7 mg/dL	1.0 mg/dL	Cutoff values of serum Cr considering the chronic kidney disease [16]
TC	200 mg/dL	240 mg/dL	NCEP-ATP III guidelines [17]
TG	150 mg/dL	200 mg/dL	NCEP-ATP III guidelines [17]
AFP	20 ng/mL	400 ng/mL	Cutoff value of diagnosis of hepatocellular carcinoma and prognostic value [18, 19]
PSA	4.0 ng/mL	10.0 ng/mL	2013 AUA Guideline [20]
cTnl	1–2 ng/L		Limit of quantitation or concentration at 20% CV [21]

Abbreviations: Cr, creatinine; TC, total cholesterol; NCEP, National Cholesterol Education Program; ATP, Adult Treatment Panel; TG, triglyceride; AFP, alpha-fetoprotein; PSA, prostate-specific antigen; UA, American Urological Association; cTnl, cardiac troponin I.