Mukherjee's Equation.

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Abstract

The Glomerular Filtration Rate [GFR] is an important metric for determining the health of two kidneys. At the moment, we're calculating it with a variety of formulae. The Cockcroft-Gault formula from 1973 is one of the formulas. The most often utilised formula is the 2009 CKD-EPI creatinine equation, which includes characteristics such as SCr, Age, Gender, and Race. Now that I've done some research, I've discovered that we're missing a crucial component: height, which is a highly important demographic factor. BMI is inversely proportionally related to GFR, according to several studies. So, after calculating, I propose an equation that includes height as a determining factor. Mukherjee's equation will be the name given to this equationnowadays. GFR = [2100- age]/[0.72 x S.cr x BMI] Wherein: • BMI=Weight in Kg/Hight in m2 There are a few things to keep in mind: 1.This formula is for Asian patients. 2.You are over the age of eighteen. 3.It's just for obese people with a BMI of 30 or more. 4.The value will be multiplied by 0.8 for females.

Biography

Dattatreya Mukherjee is a MBBS Student in Jinan University and currently an intern in First Affiliated Hospital of Jinan University. He is also an undergraduate research scholar and published 40+ Journal publications, 40+ Conference poster and oral Presentations. He is India's one of the youngest PI to conduct to PI initiated study in the field of public health. He has won several National and International Awards. He has been awarded by both ASCO and AACR and he presented his works in the world's top conferences like AACR, BACR, ESC, ANA, ASCO, ASA. He is a very active student researcher and reviewer of many top class journals. Currently he has39citationsandhindexis