

VALIDITY OF THE INOUE METHOD IN THE PRACTICE OF THE PRECISE DETERMINATION OF GLOMERULAR FILTRATION RATE IN PEDIATRICS

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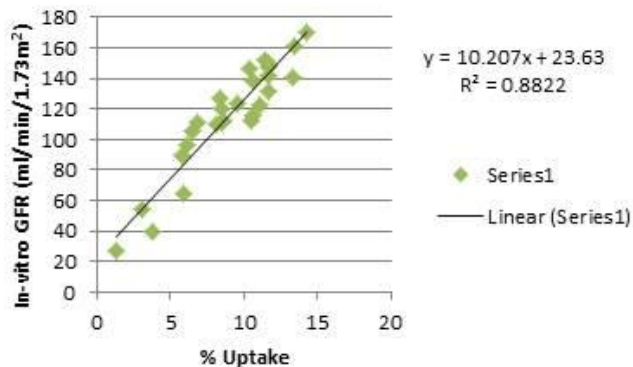


Figure 1: Relationship between total % uptake of the kidneys and Normalized In-vitro GFR measured by reference method ($r = 0.939$)

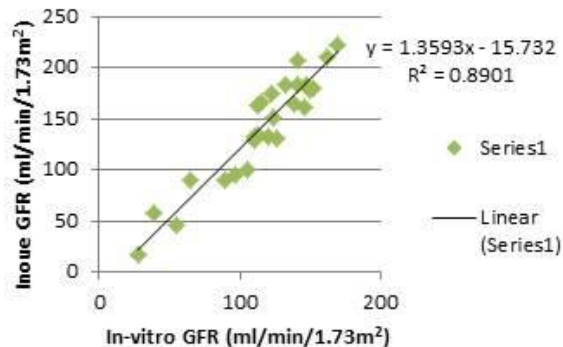


Figure 2: Relationship between Inoue GFR and Normalized In-vitro GFR measured by reference method ($r = 0.943$)

Abstract: The camera based method for GFR estimation has recently gain prominence. This method that omits the need to draw blood which can be traumatic especially for children, but the current method used has large inaccuracies for pediatric patients. The camera based Inoue Method, a proposed method for determining precise GFR values for pediatric patients, has been suggested since 1998 but it has not gain prominence due to its lack of verification. This study acts to verify the effectiveness of the Inoue method and aims to substitute the current method which could be traumatic.



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