

9th Asia Pacific Global Summit on

HEALTHCARE & IMMUNOLOGY

July 03-05, 2017 Kuala Lumpur, Malaysia



Imran Aslan

Bingol Univiveristy, Turkey

Estimating average lifespan and expected costs for Chronic Kidney Failure (CKF)

The numbers of Chronic Kidney Failure (CKF) cases have increased dramatically in the last years in Turkey. For that reason, the causes of CKFs and costs related to treatment of CKF are being assessed to compare the types of treatments and to plan the necessary budget for future. Through this study, the aim is to view the success factors of CKF treatment and quantify the results by Decision Tools. Hypertension and Diabetics are main causes of CKF. In a past study carried out by (Aslan & Ozen, 2013) in Turkey, it was found that first three stages of CKF are generally ignored and attention is given to the last two stages of CKF kidneys not being able to perform their functions. In the first case study, the average cost for treatment of each patient and probabilities are drawn to estimate future costs. In the second case study, average lifespan, average parameters of important body signs and cost estimations under different conditions were presented based on the data of Turkish Society Nephrology (TNS) with sensitivity analysis. It is found that the most beneficial treatment method is Transplantation (TX), but it is not possible to find a donor for each patient in Turkey. The expected lifespan is higher for Haemodialysis (HD) patients but, Dialysis (PD) provides more flexibility than HD. The expected cost of a patient for his/her living years with HD is 160,933.04 TL/Life and the expected cost of a PD patient during the life span is 142, 730.67 TL/life.

Biography

Imran Aslan has completed his four years healthcare education as Emergency Medical Technician at Batman Health Vocational High School between the years 1996-2000. Moreover, he completed his Graduation in Industrial Engineering from Marmara University, Turkey in 2005. Furthermore, he has done his PhD at Atatürk University, Turkey. He has published more than 25 international articles.

imranaslan@gmail.com

Notes: