

ABSTRACT**Cost of Illness on Diabetes Mellitus with Diabetic Foot : Systematic
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Diabetes mellitus (DM) is one of the leading causes of death from non-communicable disease in the world. Diabetes can cause further complications if the patient does not comply with the therapy given, one of them is diabetic foot. DM with diabetic foot complication brings huge economic losses. This study aims to determine the cost of illness in DM patients with diabetic foot. This research using PRISMA guideline which was conducted in April – July 202. The search for articles was searched on the Pubmed, Cochrane, Sciencedirect, Scopus, and Ebscohost using PICO to determine the keywords. From the seven articles that were included in this study, it was found that the total costs generated varied from 2341,63 USD/year to 20977,56 USD/year for patient perspective, 2703,24 USD/year to 8790,41 USD/year and 8129,96 USD/episode for hospital perspective, and 2144,21 USD/episode and 14819,78 USD/year for perspective third payer. The majority of research uses retrospective and hospital perspective. The most calculated costs are direct medical costs with costs reaching 51.7% to 98.4% of the total costs incurred for the treatment. Meanwhile, the cost spent on treatment for DM patients with diabetic foot is two to four times greater than DM patients without diabetic foot with the percentage of costs for complications of diabetic foot alone reaching 55.9% to 71.7% of the total costs incurred. Thus, the results of this research can become one of the considerations for policy makers to make policies that can reduce the burden of medical costs.

Keywords : cost of illness, diabetes mellitus, diabetic foot, systematic review