
Risk factors for first-ever ulceration in people with diabetes

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Project Description:

Singapore has a high incidence of diabetes related lower extremity complications (foot ulcer, infection or gangrene), which contributes to the high rate of amputations. Despite efforts for early identification and improved management of active foot problems, cost of care remains high, as does the consequent disability and mortality burden. Primary prevention is likely to be cost-saving; however, little is known about the risk and protective factors involved in the development of a first ulcer in people with diabetes, and consequently on effective interventions for primary prevention. This project will identify patient, foot, footwear and clinical factors associated with the risk of developing a first ever foot ulcer in people with diabetes. The insights generated from this work can help to identify those at higher risk early, provide targeted and personalised interventions to mitigate risk, and ultimately reduce the health and economic burden from diabetes related lower extremity complications and amputations.

Remarks:

For PhD students only