

Antihyperglycemic activity activity of seeds of *Mucuna pruriens* (Khaw Hlar) on adrenlin Induced hyperglycemic rats. Diabetes

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Summary

The present study was aimed to evaluate anti-diabetic potential of *Mucuna pruriens* seeds on adrenaline-induced experimental hyperglycemia in rats. Oral administration of powdered seeds (0.5, 1 and 2g/kg body weight /rat) significantly dose dependent hypoglycemic effects in diabetic rats. The efficacy of the seeds was comparable with glibenclamide, a well know hypoglycemic drug. A comparison between the action of *Mucuna pruriens* seeds and antidiabetic drug glibenclamide (600mcg/kg) indicated the effect of *Mucuna pruriens* seeds (2g/kg) was more prominent than glibenclamide. *Mucuna pruriens* seeds also affected glycemic level of normal rats.