

PubMed

Abstract

Full text links



J Ethnopharmacol. 2000 Jan;69(1):21-5.

Hypocholesterolemic effects of crude extract of leaf of Moringa oleifera Lam in high-fat diet fed wistar rats.

Ghasi S¹, Nwobodo E, Ofili JO.

Author information

Abstract

The leaves of Moringa oleifera Lam (Moringaceae) are used by the Indians in their herbal medicine as a hypocholesterolemic agent in obese patients. The scientific basis for their use in hypercholesterolemia was therefore examined. It was found that administration of the crude leaf extract of Moringa oleifera along with high-fat diet decreased the high-fat diet-induced increases in serum, liver, and kidney cholesterol levels by 14.35% (115-103.2 mg/100 ml of serum), 6.40% (9.4-8.8 mg/g wet weight) and 11.09% (1.09-0.97 mg/g wet weight) respectively. The effect on the serum cholesterol was statistically significant. No significant effect on serum total protein was observed. However, the crude extract increased serum albumin by 15.22% (46-53 g/l). This value was also found to be statistically significant. It was concluded that the leaves of Moringa oleifera have definite hypocholesterolemic activity and that there is valid pharmacological basis for employing them for this purpose in India.

PMID: 10661880 [PubMed - indexed for MEDLINE]

MeSH Terms, Substances LinkOut - more resources

PubMed Commons

[PubMed Commons home](#)

0 comments

[How to join PubMed Commons](#)