

## عنوان مقاله:

Effect of silymarin in reduction of proteinuria in pediatric renal diseases

## محل انتشار:

ششمین کنگره بین المللی انجمن نفرولوژی کودکان ایران (سال: 1397)

تعداد صفحات اصل مقاله: 1

## نویسندگان:

Shokooh Sharifpoor - Azad university of Tehran medical sciences, Tehran , Iran

Mohammad Ali Momeni - Member of the research Committee of the AJA University of Medical Sciences, Tehran , Iran

## خلاصه مقاله:

**Introduction:** Nephrotic syndrome, or nephrosis, is defined as the presence of nephrotic-range proteinuria, edema, hyperlipidemia, and hypoalbuminemia. Silybummarianum is the scientific name for milk thistle (Mt) or St. Mary's thistle. It is a mixture of mainly three flavonolignans, silybin, silydianin and silychristin. **Methods:** This article is a systematic review through library research and Internet search sites (sid.pubmed. Isc) the 65 articles were collected. **Results:** Nephrotic syndrome is a consequence of an imbalance between oxidant and antioxidant activity. Silybummarianum has properties on renal protection, hypolipidemic and anti-atherosclerosis activities, cardiovascular protection, prevention of insulin resistance that might be effective for prevention of nephropathy-induced premature death in diabetic patients. Silymarin-treated group had at least a 50% decrease in urine albumin-creatinine ratio after 3 months of treatment and reduced tumor necrosis factor (TNF)- $\alpha$ , and malondialdehyde in patients with diabetic nephropathy. Silybin has a stimulatory effect on kidney cells by repairing and regenerating increasing via protein and nucleic acid synthesis. **Conclusion:** With respect to multiple side effects of immunosuppressive drugs especially in children who are in process of growing, it's better to consider treatments based on different causative pathophysiologies. Since one of the most important causes of nephrotic syndrome is diabetes mellitus and silymarin has hypoglycemic effects and also protects kidney from damages of high blood sugar. The role of oxidative stress in nephrotic syndrome has demonstrated so novel antioxidant therapies including silymarin should be considered.

## کلمات کلیدی:

silymarin, proteinuria, antioxidant

## لینک ثابت مقاله در پایگاه سیویلیکا:

<https://civilica.com/doc/739971>

