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Title: Effects of chitosan on oxidative stress and related factors in hemodialysis patients

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Highlights

- The effect of chitosan on oxidative stress was examined in hemodialysis patients.
- The ingestion of chitosan resulted in reduction of hyperphosphatemia.
- The ingestion of chitosan decreased the levels of uremic toxins as pro-oxidants.
- The change of oxidative stress was correlated with serum indoxyl sulfate levels.
- The ingestion of chitosan might result in reduction decreased cardiovascular disease.

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