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## Nephrotoxicity of Rubia Tinctorium

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**ABSTRACT**: Rubia tinctorum called in Morocco ELFOUA is a plant perennial of the family RUBIACEAE, used in Morocco for millennia as aperitif plant to grow, and in cases of anemia, to increase blood volume and improve skin tone or to facilitate childbirth in women. However, Rubia tinctorum is very rich in anthraquinone derivatives which can have a toxic effect especially on the kidney.

## Patients and methods:

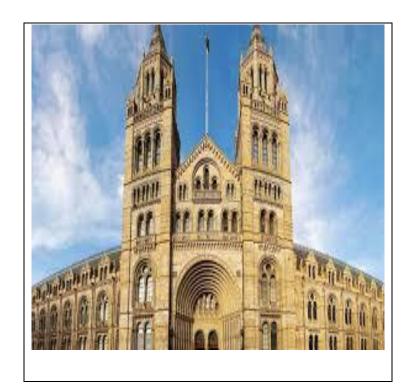
We report 3 cases of patients who presented acute renal failure following taking Rubia tinctorum,

## Reculte

Case 1: HE aged 15, without specific medical history, admitted to a glomerular syndrome due to kidney failure at  $66\ mg$  / L of plasma creatinine and 24-hour proteinuria at 1 g / 24 hours and aseptic leukocyturia occurred after taking Rubia tinctorum for ten days.

2nd case LN aged 39, without pathological antecedent, hospitalized at the nephrology department for glomerular syndrome is a 24h urine protein 2 g / 24 with severe acute kidney failure at 90 mg / L of plasma creatinine and aseptic leukocyturia without hematuria or hypertension in a context of uncontrollable vomiting after taking Rubia tinctorum 3rd case: Mrs. AH 47 years old, hospitalized in nephrology for acute renal failure at 73 mg / L of plasma creatinine discovered incidentally during a CPA balance for cholecystectomy with notion of taking Rubia tinctorum a

**Biography:** S. EZZAKI from Department of Nephrology, Hemodialysis and Kidney Transplantation CHU Ibn Rushd, Casablanca, Morocco



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