1. under 16 years of age
2. without an indwelling urinary catheter
3. had obvious hematuria, rhabdomyolysis and/or myoglobinuria, or polycythemia (Hb>165 g/l or Hct >48 in women and Hb>185 g/l or Hct >52 in men)
4. receiving cytotoxic chemotherapy or renal replacement therapy (RRT), or assessed to need RRT within 48 hours
5. expected to leave ICU within 24 hours
6. not expected to survive 72 hours
7. had already experienced a greater than three-fold rise in plasma creatinine from a known baseline or had a urine output less than 0.3ml/kg/h for >6hrs (anuric)
8. no consent
9. received study drug