

## PEARLS:

- Acute adrenal insufficiency can result in refractory shock or death in patients on a maintenance dose of steroids who experience illness or trauma and are not given a stress dose and, as necessary, supplemental doses of hydrocortisone.
- Any patient with an adrenal insufficiency history must be given a stress dose under the following conditions: multi-system trauma, fever >100.4F, vomiting/diarrhea with dehydration, multiple long-bone fractures, hypo/hyperthermia, shock of any cause, drowning, 2ndor 3rddegree burns >5% BSA.
- Illness, injury, or surgery may precipitate an adrenal crisis, even in medication-compliant patients.
- Etomidate may precipitate adrenal crisis. Stress dose all patients receiving Etomidate.
- Hydrocortisone (Solu-Cortef) is preferred and should be used IF available