

# Inotropes & vasoactive agents in septic shock



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# Outline

- **Surviving sepsis campaign guideline 2012**
- **Initial inotrope / vasoactive agents**
  - Dopamine
  - Norepinephrine
  - Epinephrine



## Case

- 10 year old boy, known acute leukemia
- Fever 1 day, vomit x 3, poor feeding
- At ER: lethargy, maintainable airway
- BT 39 C, BP 80/40 mmHg, HR 130/min
- RR 24/min, SpO2 95%
- Warm extremities, bounding pulse
- Diagnosis ?



# Case

- **10 year old boy, known acute leukemia**
- **Hypotensive shock**
- **Septic shock**
- **Management ?**



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# Pediatric septic shock

**Surviving Sepsis Campaign: International  
Guidelines for Management of Severe Sepsis  
and Septic Shock, 2012**

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