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Some notes on pH cutoffs. Not hard and fast but may be used as a guide

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pH

- Blood pH: 7.35-7.45
- Normal Vaginal pH: <4.5
  - >4.5: trichomoniasis and BV
  - <4.5: candidiasis
- Parapneumonic effusions
  - <7.2: complicated
  - >7.2: uncomplicated
- Respiratory acidosis (e.g., COPD)
  - <7.25: immediate trial of NIPPV/ consider intubation
  - 7.25-7.35: consider NIPPV
- Metabolic acidosis
  - < 7.1: consider dialysis especially if hypervolemia and oliguric
- Urine pH in RTA
  - > 5.3: RTA type 1 (always), hyperkalemic RTA (usually)
- Aggressive diuresis —> chloride depletion alkalosis
  - > 7.5: consider acetazolamide
- Fetal scalp pH
  - >7.25: normal
  - 7.21-7.24: repeat
  - ≤7.20: fetal acidosis —> delivery
- Aspirated corporeal blood gas in priapism
  - < 7.2: ischemic
  - > 7.2: nonischemic