

## **Data extraction form**

### Identification

- Title of the study
- Source of funding
- Country
- Journal and year of publication
- Authors

### Methodology

- Design
- Study period
- Intended outcome
- Other relevant details

### Population

- Size (included/enrolled)
- Age
- Gender
- Principal diagnosis
- Severity of illness
- Co-morbidities
- Inclusion criteria
- Exclusion criteria
- Group differences
- Hospital setting (emergency department, intensive care unit, operating room, inpatient step-down/up units)

### Intervention

- Type fluid
- Quantity of fluid
- Co-interventions (such as blood, steroid, dextrose...)
- Other relevant details

### Outcome

- Incidence and/or time to resolution of metabolic acidosis
- Hyperchloremia
- AKI
- Renal replacement therapy
- Vasopressors
- Mechanical ventilation
- Total volume of rehydration needed per day
- ECMO
- ICU length of stay

- Hospital length of stay
- Mortality

Overall conclusion