

Children's Mercy Kansas City

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Care Process Models

Quality Improvement and Clinical Safety

Vancomycin Decision Tool with the First 72 Hours

Children's Mercy Kansas City

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These guidelines do not establish a standard of care to be followed in every case. It is recognized that each case is different and those individuals involved in providing health care are expected to use their judgment in determining what is in the best interests of the patient based on the circumstances existing at the time. It is impossible to anticipate all possible situations that may exist and to prepare guidelines for each. Accordingly, these guidelines should guide care with the understanding that departures from them may be required at times.

Vancomycin ordered –
Obtain baseline basic
metabolic panel

Any of the following:
[Serum creatinine](#) elevated,
[urine output](#) $\leq 1\text{mL/kg/day}$ or
[shock](#)

Trough level
indicated

Yes

No

Trough level
indicated

Yes

Is the dose $>60\text{mg/kg/day}$
or $>4\text{gm/day}$

No

Trough level
indicated

Yes

[Treatment/plan for
therapy \$>3\$ days?](#)
(Reassess daily)

No

Trough level NOT
indicated