

Quality care results from Infection Prevention

PERFORMANCE MEASURE

2007

2008

1st Qtr
20092nd Qtr
20093rd Qtr
20094th Qtr
2009NAT'L
AVG*

VENTILATOR ASSOCIATED PNEUMONIA

Unity Hospital takes precautions to help prevent pneumonia associated with the use of ventilators.

These precautions include:

- Elevating the head of the patient's bed at least 30 degrees
- A patient on a ventilator is usually sedated for comfort. Once a day, the patient is awakened to assess readiness to remove the breathing tube.
- Stomach ulcer prevention (*peptic ulcer prophylaxis*)
- Blood clot prevention (*deep vein thrombosis prophylaxis*)

- Ventilator associated pneumonia rate
(when a patient is on a ventilator for less than 14 days)

1
per 1,000
acute vent
days0
per 1,000
acute vent
days0
per 1,000
acute vent
days0
per 1,000
acute vent
days0
per 1,000
acute vent
days5.1
per 1,000
acute vent
days

PRIMARY CENTRAL LINE (BLOOD STREAM) INFECTION RATE

To prevent primary blood stream infections, Unity Hospital follows the guidelines for hand hygiene: wearing protective clothing such as a gown, gloves, and mask during insertion, using disinfecting skin antiseptic, and providing appropriate catheter-site care.

- Primary central line (blood stream) infection rate
includes triple lumen catheters, pulmonary artery catheters and PICC lines

0.38
per 1,000
line days2.0
per 1,000
line days0.72
per 1,000
line days1.0
per 1,000
line days1.4
per 1,000
line days3.2
per 1,000
line days

SURGICAL INFECTION RATE

In an effort to prevent surgical infection, Unity Hospital:

- Adheres to hand washing guidelines
- Administers antibiotics to patients within 60 minutes of making an incision
- Follows recommended guidelines for use of prophylactic (preventive) antibiotics

- Infection rates for high volume surgical procedures:

– Total hip replacement

0%¹

0.3%

0.85%

1%

≤ 2%

– Total knee replacement

1.05%¹

0.28%

0.38%

0%

≤ 2%

¹ 1st and 2nd Quarter 2007 data.

* National average is from National Nosocomial Infection Surveillance System and reflects Class I surgeries.