

# Copper Queen Community Hospital

## Data Monitoring Plan

- Quality Improvement Initiative: Positive Culture Follow Through
- AIM statement: By August 31, 2010 all in-patients with infections will have been noted in the infection log and follow-up for appropriate antibiotic completed.
- Key Measures, specifications and data sources (complete the table below and attach data collection tool)

Measure description	Measure calculation	Data source
1. Timely culture review by nurse	100% of positive cultures obtained at CQCH will be reviewed by pharmacy or IP within 24 hours of finalized date for appropriate antibiotic	a) Documentation of finalized date(time) for culture _____ b) Documentation of time positive culture results reviewed by pharmacy or ip _____
2. Timely notification of physician	100% of the time when cultures results are positive PCP will be notified within 24 hours of the finalized date if the culture results show the organism is not sensitive to the antibiotic ordered.	a) Documentation of finalized date (time) for culture _____ b) Documentation of whether the organism on a positive culture report is sensitive to antibiotic ordered _____ c) Documentation of name of antibiotic ordered prior to culture results _____ d) Documentation of time PCP notified _____

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1. Who will complete the data collection tool for each data element? Nursing, Pharmacy, And IP
2. How often and when will the data be collected?(i.e. concurrently
3. Who will receive the completed data collection tools? IP
4. How will the data be analyzed/tallied and by whom? Tallied on a form by IP
5. How will the data be aggregated and tracked? Will start daily until process is well known then go to monthly and finally quarterly with quarterly IP report
6. Who will the data results be reported to, how, and by whom? reviewed with staff verbally at change of shift report by IP
7. How often will the data results be shared? Daily at first and then monthly at nurse council meetings
8. How will the data results be displayed? showing trend line & using a bar chart