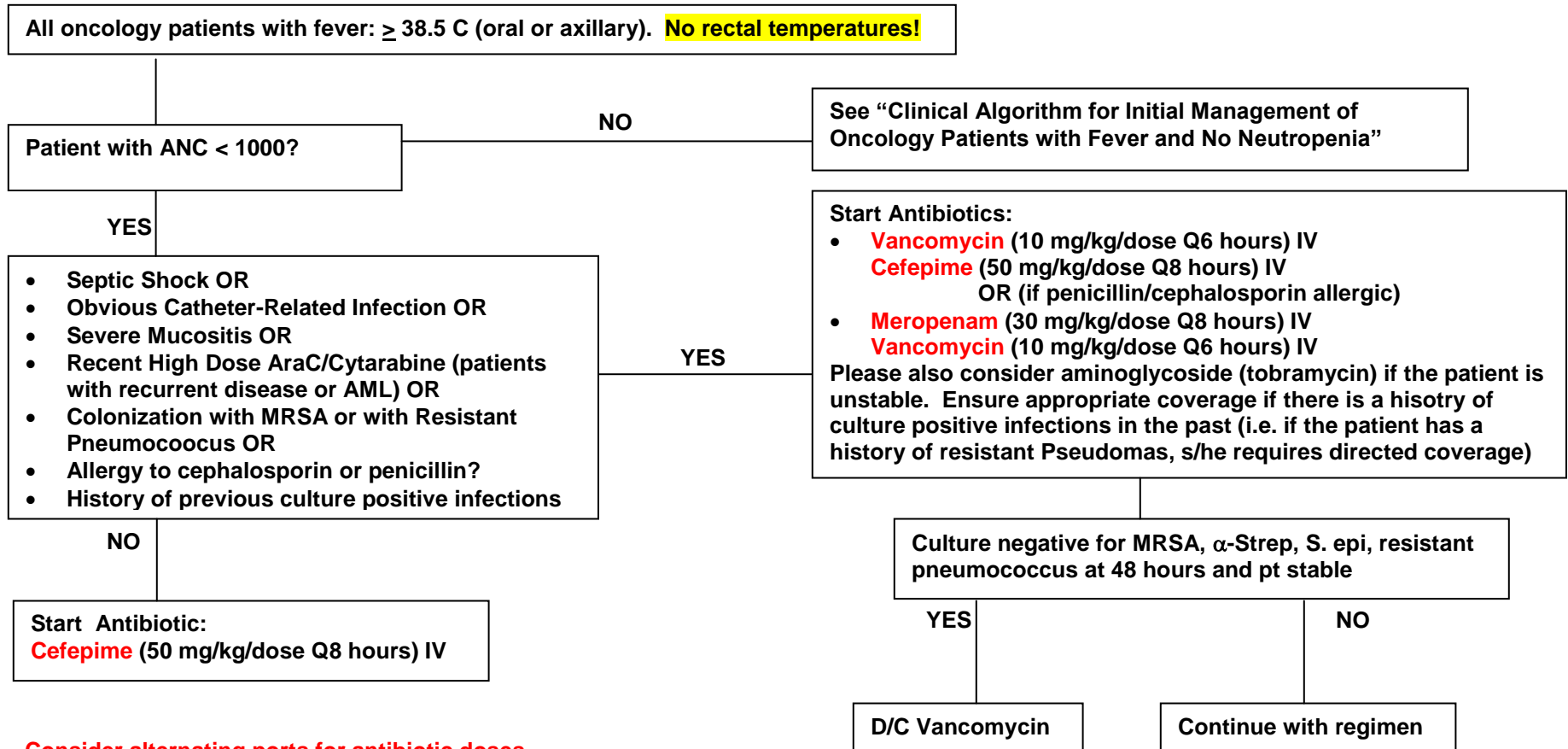


# CLINICAL ALGORITHM FOR INITIAL MANAGEMENT OF ONCOLOGY PATIENTS WITH FEVER AND NEUTROPENIA

This clinical algorithm has been developed to ensure the proper initial management of oncology patients with febrile illness. This algorithm excludes BMT (bone marrow transplant) patients. Patients with a source of infection should be managed accordingly. Please direct questions and patient referrals to Maine Children's Cancer Program (MCCP), **207-396-7565**.



Consider alternating ports for antibiotic doses

## LAB EVALUATION

- On admission: CBC, CMP, Blood Culture from all CVL ports
- CBC QD and BMP as indicated
- Repeat Blood Culture daily with temperature spikes ( $\geq 38.5$  C) or clinical deterioration on 5 consecutive days
- If Blood Culture is positive, repeat daily Blood Culture until negative on 3 consecutive days

Algorithms are not intended to replace providers' clinical judgement or to establish a single protocol. Some clinical problems may not be adequately addressed in this guideline. As always, clinicians are urged to document management strategies. *Last revised June 2011, last reviewed May, 2014.*

