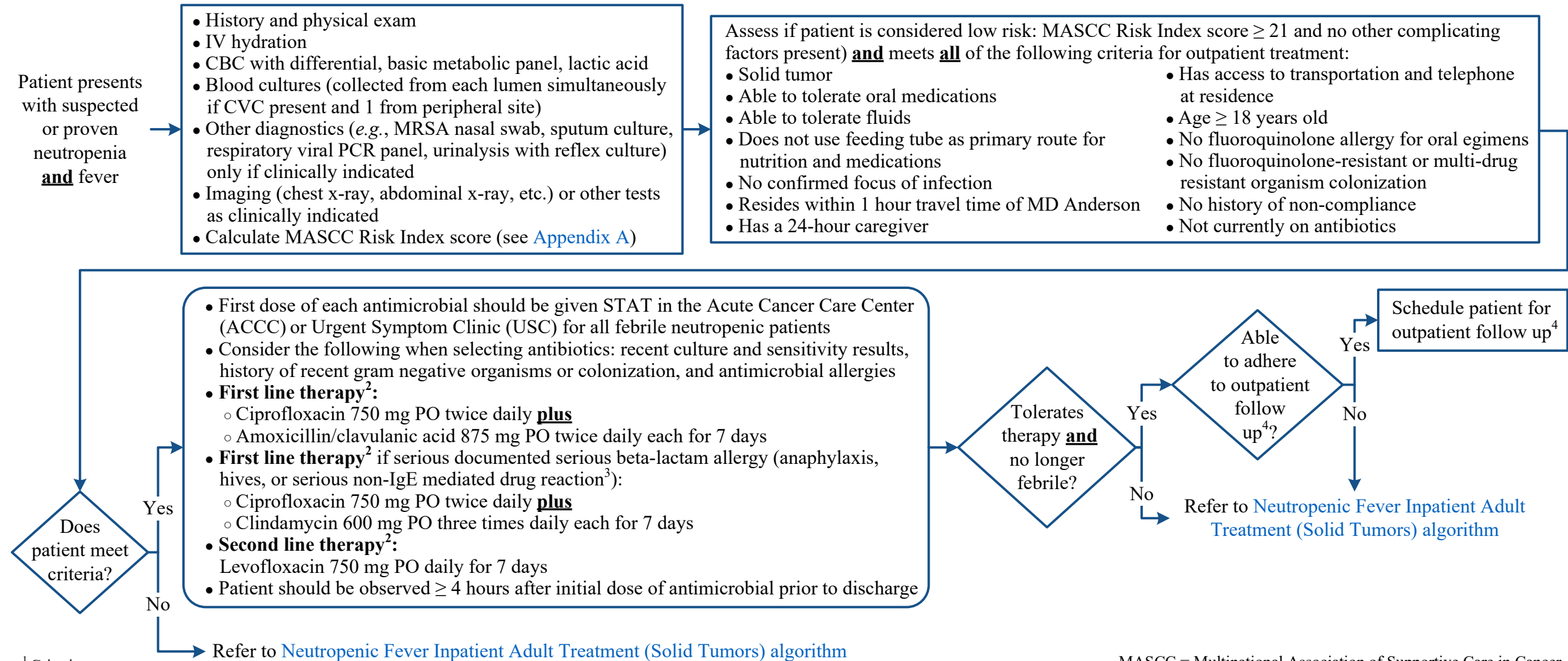


Neutropenic Fever¹ Outpatient Treatment For Solid Tumor Patients (Age ≥ 18 years)

Disclaimer: This algorithm has been developed for MD Anderson using a multidisciplinary approach considering circumstances particular to MD Anderson's specific patient population, services and structure, and clinical information. This is not intended to replace the independent medical or professional judgment of physicians or other health care providers in the context of individual clinical circumstances to determine a patient's care. Local microbiology and susceptibility/resistance patterns should be taken into consideration when selecting antibiotics. This algorithm should not be used to treat pregnant women.



¹ Criteria:
• Absolute neutrophil count (ANC) ≤ 0.5 K/microliter **and** a temperature either ≥ 38.3°C or ≥ 38°C for 1 hour or longer **or**
• ANC ≤ 1 K/microliter and an expected decline to ≤ 0.5 K/microliter over 48 hours **and** a temperature either ≥ 38.3°C or ≥ 38°C for 1 hour or longer

² Doses indicated are for patients with normal renal/hepatic function. Refer to institutional renal dosing guide (internal only) or tertiary dosing references (e.g., Lexicomp) for renal dosing recommendations.

³ Examples of non-IgE mediated drug reactions include Stevens-Johnson syndrome, toxic epidermal necrolysis, and drug reaction with eosinophilia and systemic symptoms (DRESS)

⁴ See [Appendix B](#): Outpatient Follow up

MASCC = Multinational Association of Supportive Care in Cancer
MRSA = methicillin-resistant *Staphylococcus aureus*

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APPENDIX A: Multinational Association for Supportive Care in Cancer (MASCC) Risk Index Score

MASCC Score	
Characteristic	Weight
Burden of illness: no or mild symptoms	5
No hypotension	5
No chronic obstructive pulmonary disease	4
Solid tumor	4
No dehydration	3
Burden of illness: moderate symptoms	3
Outpatient status	3
Age < 60 years	2
<ul style="list-style-type: none">• “Burden of illness” not cumulative• Patients with score ≥ 21 are considered low risk	

APPENDIX B: Outpatient Follow Up¹

- Schedule outpatient visit for Days 2, 3 and 7; **and** video visit follow-up for Days 4, 5, and 6
- Day 2: CBC with differential; repeat creatinine if baseline > 1.2 mg/dL
- Day 3: CBC with differential, repeat creatinine
- Day 7: CBC with differential, repeat creatinine

CDU = Clinical Decision Unit

¹ Refer to ACCC/CDU Neutropenic Scheduling Orders or if in the USC, refer to the AMB USC Fever/Febrile Neutropenia (Express Lane)

Neutropenic Fever Outpatient Treatment For Solid Tumor Patients (Age ≥ 18 years)

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SUGGESTED READINGS

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Neutropenic Fever Outpatient Treatment For Solid Tumor Patients (Age ≥ 18 years)

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DEVELOPMENT CREDITS

This practice consensus statement is based on majority opinion of the Neutropenic Fever experts at the University of Texas MD Anderson Cancer Center for the patient population. These experts included:

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