

Acute Myeloid Leukemia

DEFINITIONS

- Initial Work up and Staging refers to imaging studies that are part of the routine evaluation of a patient prior to therapy
- Restaging After Treatment refers to recommendations for studies to be performed regardless of the clinical status of the patient after completion of an episode of treatment.
- Evaluation for Change in Clinical Status refers to examinations ordered to evaluate new or worsening signs and symptoms.
- Surveillance Imaging refers to recommendations for imaging to be performed at intervals following therapy regardless of the clinical status of the patient.

Initial Work Up and Staging

MRI or CT of Brain if there are neurologic signs or symptoms

- headache
- Confusion
- Altered sensorium
- Cardiac work up at discretion of treating physician

Restaging after treatment

Recommended if

- Repeat of any positive prior imaging
- Monocytic differentiation
- biphenotypic leukemia
- WBC above 40,000/mcL at diagnosis
- No routine imaging is suggested

Surveillance Imaging (Patient stable after treatment)

- No routine imaging is suggested

Evaluation for Change in Clinical Status

- As clinically indicated

References

1. NCCN Guidelines Version 1.2015, 12/03/14 National Comprehensive Cancer Network, Inc. 2014 accessed 5/4/2015
2. NCCN Guidelines Version 2.2012 Acute Myeloid Leukemia accessed 7/8/2012