



















Diagnosis/Staging

- Disease history/physical examination
- Biopsy of the lymph node (excisional!)
- Whole body CT-PET scan
 - CT anatomical assessment
 - PET metabolic assessment
- Bone marrow biopsy
- Lumbar puncture (spinal tap)
- Brain MRI only if symptoms are present

Clinical Symptoms I

- Constitutional symptoms
 - Unexplained fevers
 - Unexplained weight loss
 - Drenching night sweats
 - Fatigue, lack of appetite

Localized symptoms

• Pain, pressure, early satiety, visible tumors/nodules

Clinical Symptoms II

Symptoms/signs related to organ involvement

 \circ Obstruction of urine flow – kidney failure

 $\circ\, \text{Obstruction}$ of bile flow – biliary colic

Obstruction of GI tract – bowel obstruction

Obstruction of bronchi – shortness of breath

Invasion/pressure on spinal cord – paralysis

o Invasion of the stomach/intestines - pain/bleeding

Invasion of the brain – stroke like symptoms

Clinical Symptoms III • Symptoms related to bone marrow involvement • Low blood counts: • Low platelets – risk of bleeding and bruising • Low red blood cells – shortness of breath/fatigue • Low white blood cells – risk of infections











































Recently FDA Approved Drugs T-Cell Lymphoma

Criteria	Pralatrexate	Romidepsin	Brentuximab vedotin	Belinostat
Overall Response Rate (N)	29%	25%	86%	26%
Complete Response Rate	11%	13%	57%	11%
Dominant Toxicity	Mucositis Thrombocytopenia	Fatigue Dysgeusia	Neuropathy Neutropenia	Nausea Fatigue
DOR	12.4 months	12 months	13.2 months	13.6 months
Indication	PTCL	PTCL and CTCL	Anaplastic Large Cell Lymphoma	PTCL









