

Non-Hodgkin's Lymphoma: diagnosis and management

Review questions

Diagnosis

Type of Biopsy

- Is core biopsy an acceptable alternative to excision biopsy for the accurate diagnosis of suspected non-Hodgkin's lymphoma at first presentation?

Genetic testing

Testing strategies to diagnose B-cell lymphomas

- What is the most effective genomic/phenotypic testing strategy to diagnose the subtypes of aggressive b-cell non-Hodgkin's lymphoma?

Stratification of high grade B-cell lymphomas using laboratory techniques

- What is the most effective genomic/phenotypic testing strategy to determine therapeutic stratification and prognostic subtypes of aggressive b-cell non-Hodgkin's lymphoma?

Staging

Role of PET-CT in staging

Staging using FDG-PET-CT

- What is the staging value of pre-treatment functional imaging with PET-CT compared with other initial assessments for people with different subtypes of non-Hodgkin's lymphoma?

Assessing response to treatment using FDG-PET-CT

- What is the prognostic value of an interim assessment using functional imaging with PET-CT during the treatment of diffuse large B-cell non-Hodgkin's lymphoma?

End-of-treatment assessment using FDG-PET-CT

- What is the prognostic value of functional imaging with PET-CT performed after the various types of treatment for non-Hodgkin's lymphoma are completed?

Management

Follicular Lymphoma

First line treatment for early stage

- What is the most effective first-line treatment for people with stage IIA follicular lymphoma?

Stem cell transplantation

- Is autologous transplantation, allogeneic transplantation or no transplantation the most effective treatment for people with follicular lymphoma at various time points?

Immediate versus deferred chemotherapy for asymptomatic advanced stage

- Is immediate treatment or deferred chemotherapy (watch and wait) the more effective treatment for people with advanced asymptomatic follicular lymphoma?

Treatment of transformed Follicular Lymphoma

- What is the effectiveness of first-line consolidation with high-dose therapy with autologous or allogeneic transplantation in people with histological transformation of follicular lymphoma to diffuse large B-cell lymphoma or concurrent presentation with follicular lymphoma & diffuse large B-cell lymphomas, compared with other strategies?

Extranodal marginal zone lymphoma of mucosa-associated lymphoid tissue (MALT) Lymphoma

First line treatment

- What is the most effective first-line treatment for people with MALT lymphoma?

Mantle Cell Lymphoma

First line treatment

- What is the most effective first-line treatment for people with mantle-cell lymphoma?

Consolidation therapy for patients with mantle cell lymphoma

- What is the effectiveness of first-line consolidation of high-dose therapy with autologous or allogeneic transplantation in people with mantle-cell lymphoma?

Maintenance strategies in mantle cell lymphoma

- What is the effectiveness of first-line maintenance strategies compared with observation for people with mantle-cell lymphoma?

Diffuse Large B-Cell Lymphoma (DLBCL)

Radiotherapy in first line treatment

- The role of consolidation radiotherapy in first-line treatment of diffuse large B-cell lymphoma.

Central Nervous System CNS prophylaxis

- What are the risk factors associated with central nervous system (CNS) relapse in patients with diffuse large B-cell lymphoma?
- What is the efficacy of central nervous system prophylaxis for people with diffuse large B-cell lymphoma?

Salvage therapy

- What is the most appropriate salvage strategy for people with relapsed/refractory diffuse large B-cell lymphoma?

Burkitt Lymphoma

First line treatment

- What is the most effective first-line treatment for people with Burkitt lymphoma?

T-Cell lymphoma

First line treatment

- What is the most effective first-line treatment for people with peripheral T-cell lymphoma?

Consolidation therapy in peripheral T-cell lymphoma

- What is the effectiveness of high-dose consolidation of first-line therapy with autologous or allogeneic transplantation in people with peripheral T-cell lymphoma?

Patient information needs

Information and support

- What are the information and support needs of patients with a diagnosis of non-Hodgkin's lymphoma and their carers?

Follow up of DLBCL

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- In patients in remission after treatment with curative intent for non-Hodgkin's lymphoma, what are the optimal method(s), frequency and duration of follow-up?

Survivorship

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- What is the effectiveness of surveillance protocols for late adverse effects of treatment in people with non-Hodgkin's lymphoma?