



EMORY
LIBRARIES &
INFORMATION
TECHNOLOGY

OpenEmory

Hodgkin's lymphoma characteristics in HIV-infected and uninfected patients at an urban hospital in the late combined antiretroviral era

[Clifford Gunthel](#), *Emory University*
[Marylin Adamski](#), *Grady Health System*
[Marina Mosunjac](#), *Emory University*
[Minh Ly T Nguyen](#), *Emory University*

Conference Name: 13th International Conference on Malignancies in AIDS and Other Acquired Immunodeficiencies, Bethesda, MD

Publication Date: 2011-11-07

Type of Work: Poster

Permanent URL: <https://pid.emory.edu/ark:/25593/s6f1p>

Final published version:

<https://infectagentscancer.biomedcentral.com/articles/10.1186/1750-9378-7-S1-P26>

Copyright information:

© Gunthel et al; licensee BioMed Central Ltd. 2012

This is an Open Access work distributed under the terms of the Creative Commons Attribution 2.0 Generic License

(<http://creativecommons.org/licenses/by/2.0/>).



Accessed October 27, 2021 7:26 PM EDT

POSTER PRESENTATION

Open Access

Hodgkin's lymphoma characteristics in HIV-infected and uninfected patients at an urban hospital in the late combined antiretroviral era

Clifford Gunthel¹, Marylin Adamski², Marina Mosunjac³, Minh Ly Nguyen^{1*}

From 13th International Conference on Malignancies in AIDS and Other Acquired Immunodeficiencies (ICMAOI)

Bethesda, MD, USA. 7-8 November 2011

Background

As combined antiretroviral therapy has allowed patients infected with HIV to survive longer due to improved immunity, increasing incidences of non-AIDS associated malignancies as well as chronic comorbidities are reported. One of the more commonly reported non-AIDS associated cancers is Hodgkin's lymphoma (HL) [1]. We report our experience of HL among HIV-infected and uninfected patients.

Methods

Grady Health System (GHS) provides care to the majority of the urban indigent population of Atlanta. Patients who were diagnosed with HL between January 2000 and June 2011 were identified from the GHS pathology records and the GHS cancer registry. Clinic charts and medical records were reviewed. Patients' demographics, CD4 counts, HIV viral load, HIV and HL treatment and outcomes were recorded.

Results

During the study period, 95 patients were diagnosed with HL (26% HIV-, 30% HIV+ and 43% HIV status unknown). The characteristics are displayed in Table 1.

Among the HIV+ patients, at time of HL diagnosis, the median Cd4 at time of HL diagnosis was 95(8-865) cells/mm³, and 3 (10%) are on cART. The median time from HIV diagnosis to HL diagnosis is 2 years (0-20).

Table 1 Characteristics of HL in HIV- and HIV + patients

	HIV-	HIV+
N	25	29
M:F	16:9	22:7
Race (black:other)	20:5	25:4
Median age (range)	33(19-52)	40(22-54)
Stage (I-II versus III-IV)	5:9	2:19
B symptoms	4	5
Diagnosis made solely by bone marrow biopsy	0	3
Morphology NS/LR versus MC/LD	12:5	9:2
One year survival	76%	45%

Conclusions

In the current cART era, in our institution, HL in HIV+ patients is more likely to present with advanced disease (65% with stage III/IV). Interestingly, in 3 HIV+ patients, HL was diagnosed solely by bone marrow biopsy. Despite the availability of cART, patients are not accessing care. This may account for the poor one-year survival among HIV+ patients with HL.

Acknowledgement

This work was facilitated by the Center for AIDS Research at Emory University (P30 AI050409).

Author details

¹Division of Infectious Diseases, Emory University School of Medicine, Atlanta, GA, USA. ²Infectious Disease Program, Grady Health System, Atlanta, GA, USA. ³Department of Pathology, Emory University School of Medicine, Atlanta, GA, USA.

Published: 19 April 2012

* Correspondence: mnguye2@emory.edu

¹Division of Infectious Diseases, Emory University School of Medicine, Atlanta, GA, USA

Full list of author information is available at the end of the article

Reference

1. Spina M, Carbone A, Gloghini A, Serraino D, Berretta M, Tirelli U: **Hodgkin's disease in patients with HIV infection.** *Adv Hematol* 2011, pii:402682, Epub 2010 Sep 23.

doi:10.1186/1750-9378-7-S1-P26

Cite this article as: Gunthel *et al.*: Hodgkin's lymphoma characteristics in HIV-infected and uninfected patients at an urban hospital in the late combined antiretroviral era. *Infectious Agents and Cancer* 2012 **7**(Suppl 1): P26.

**Submit your next manuscript to BioMed Central
and take full advantage of:**

- Convenient online submission
- Thorough peer review
- No space constraints or color figure charges
- Immediate publication on acceptance
- Inclusion in PubMed, CAS, Scopus and Google Scholar
- Research which is freely available for redistribution

Submit your manuscript at
www.biomedcentral.com/submit

