Grey Zone Lymphoma

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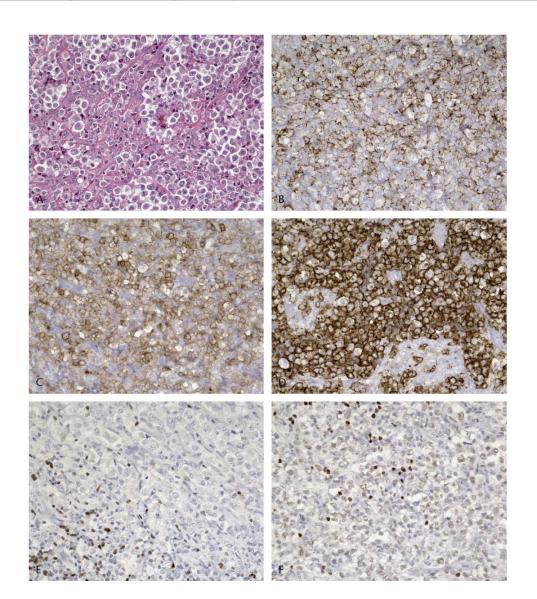
<u>Disclosures for</u> <u>Stephen Ansell, MD, PhD</u>

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Research Support/P.I.	PI – SeaGen, BMS, Affimed, Regeneron, AI Therapeutics, Pfizer, AstraZeneca, ADC Therapeutics for clinical trials
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Speakers' Bureau	N/A
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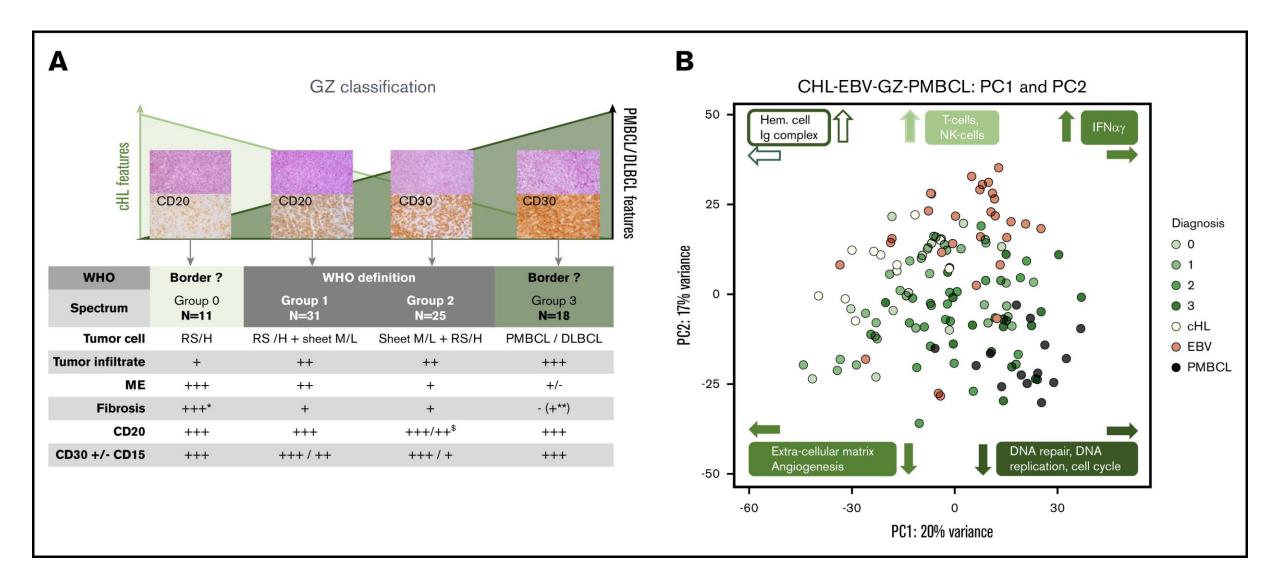
Gray zone lymphoma: the missing link between classic Hodgkin lymphoma and mediastinal large B-cell lymphoma



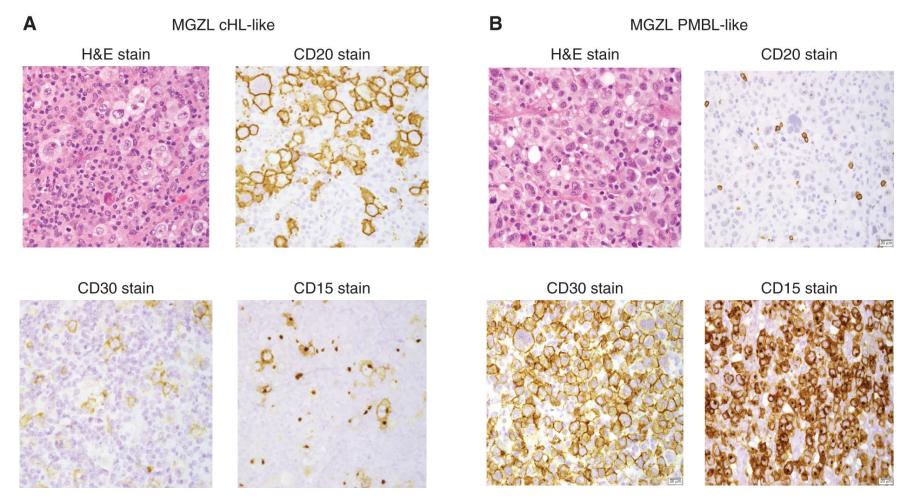
Original description -

- A. Large cells with clear cytoplasm
- B. Most cells are CD20+
- C. Tumor cells are CD30+
- D. Strong staining for CD15
- E. B-cells are BOB.1 negative
- F. Pax5 is weak

Gene expression profiling of gray zone lymphoma

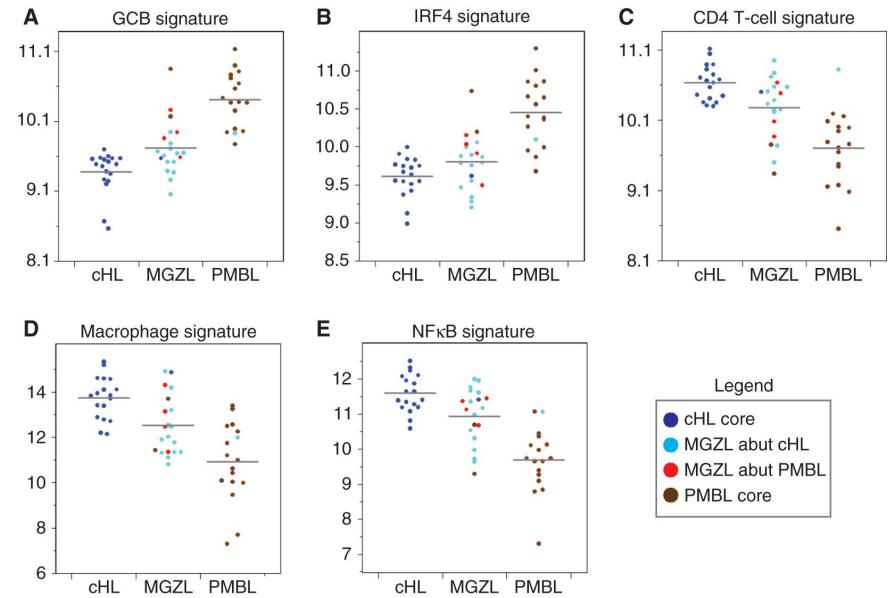


Gene Expression Profiling of Mediastinal Gray Zone Lymphoma and Its Relationship to Primary Mediastinal Bcell Lymphoma and Classical Hodgkin Lymphoma



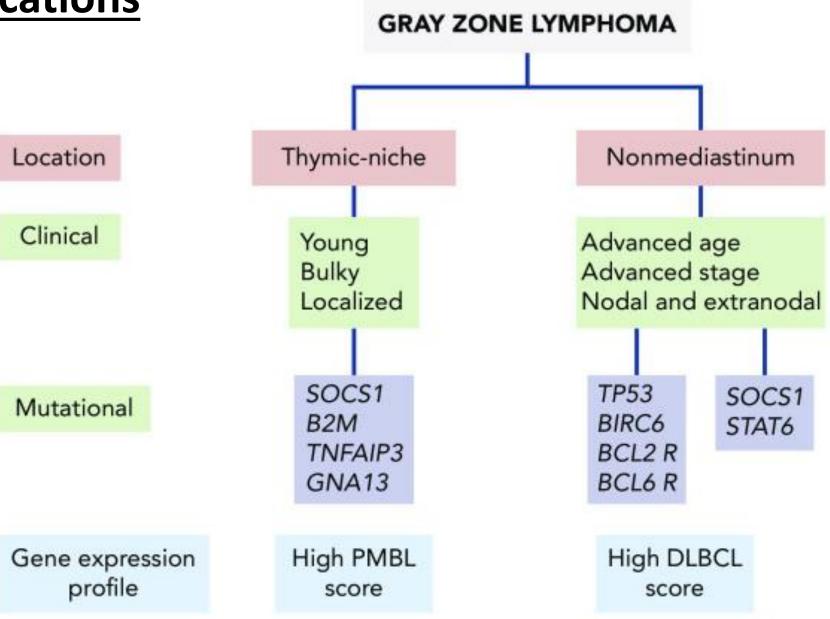
Pittaluga et al. Blood Cancer Discov. 2020;1(2):155-161.

MGZL, cHL, and PMBL gene expression signatures

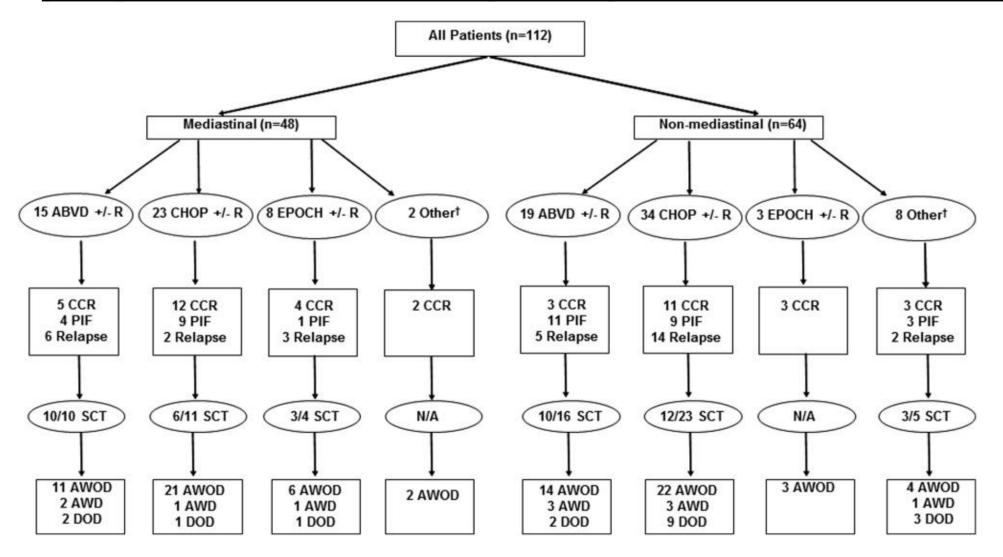


Pittaluga et al. Blood Cancer Discov. 2020;1(2):155-161.

Two locations



Gray zone lymphoma: Characteristics, outcomes, and prognostication among a large multicenter cohort



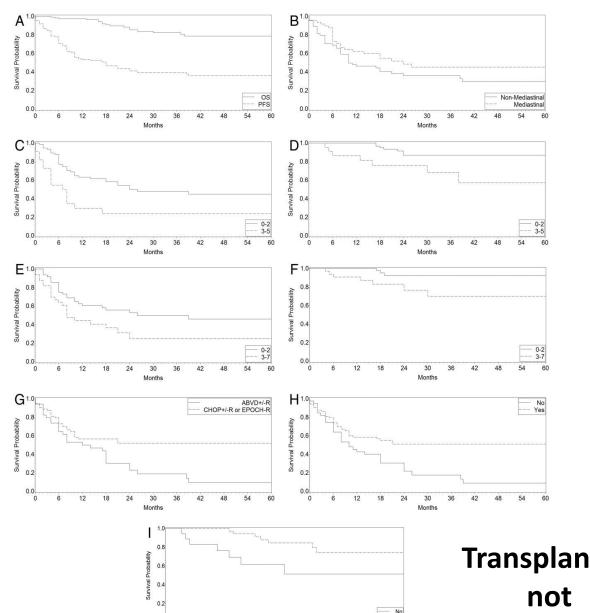
Gray zone lymphoma: Outcomes

PFS and OS

PFS by IPI (DLBCL)

PFS by IPI (HL)

Treatment type



Mediastinal or not

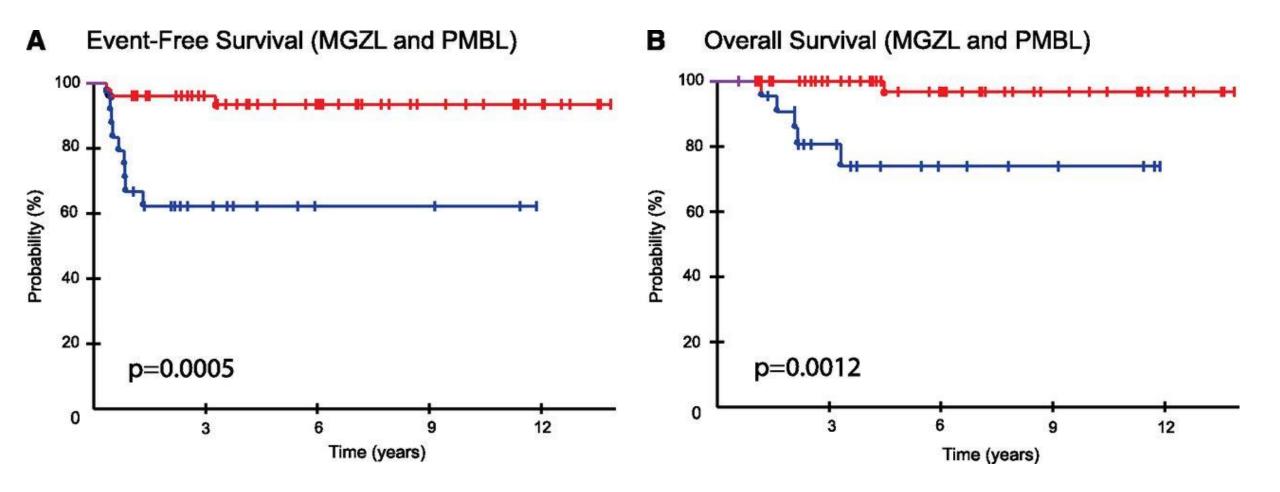
OS by IPI (DLBCL)

OS by IPI (HL)

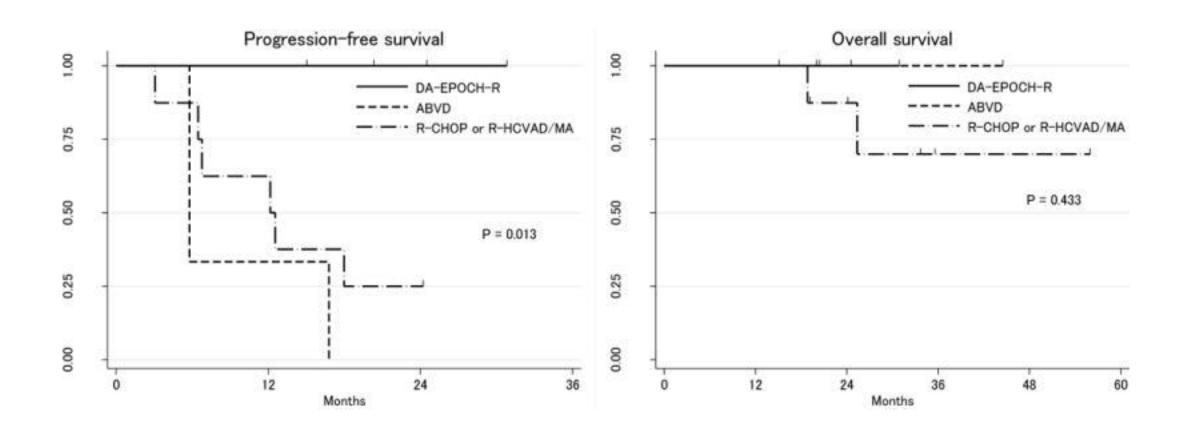
Rituximab or not

Transplant or

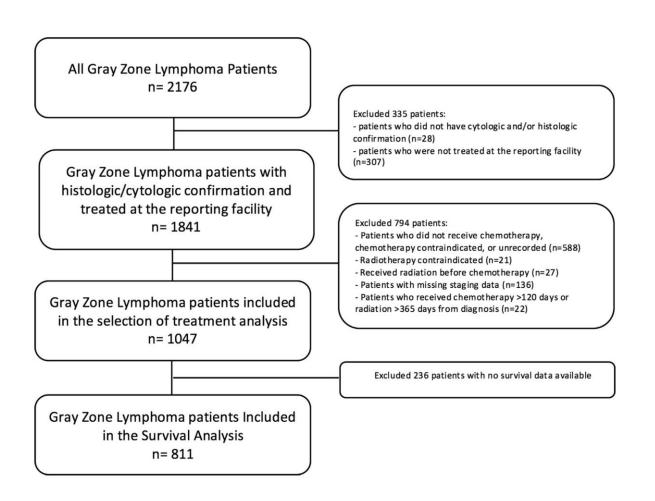
EFS and OS of MGZL and PMBL treated with DA-REPOCH



Dose adjusted-EPOCH-R and mediastinal disease may improve outcomes for patients with gray-zone lymphoma



Treatment Selection and Survival in Patients with Gray Zone Lymphoma: A Comprehensive Population-Based Analysis



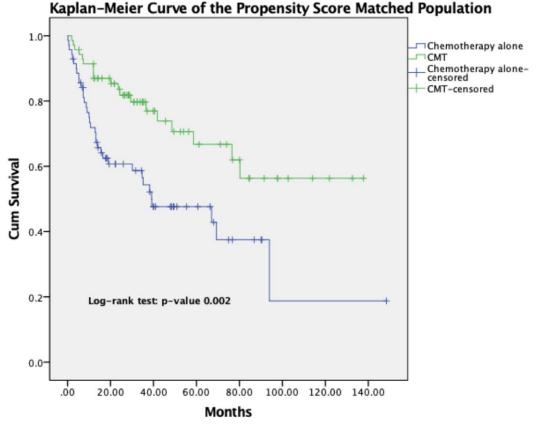


Fig. 2. Kaplan—Meier curve of the propensity score matched population.

Questions for discussion

- How reliably is the diagnosis of grey zone lymphoma made?
- Should all patients be treated with DA-R-EPOCH?
- What is the role of radiation in patients with mediastinal disease?