Classical Hodgkin Lymphoma; Real-World Observations from Physicians, Patients, and Caregivers on the Disease and Its Treatment (CONNECT): Observations of Physicians on Treatment and Interim PET-Adapted Regimens

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Background

- As of April 2021, National Comprehensive Cancer Network (NCCN) guidelines recommend 1 of 3 frontline (1L) regimens for advanced (stage III or IV) classical Hodgkin lymphoma (cHL)¹:
- ABVD (doxorubicin, bleomycin, vinblastine, dacarbazine)
- A+AVD (brentuximab vedotin, doxorubicin, vinblastine, dacarbazine)
- Escalated BEACOPP (escalated doses of bleomycin, etoposide, doxorubicin, cyclophosphamide, vincristine, procarbazine, prednisone)
- In the United States (US), the most frequently prescribed 1L regimen for stage III or IV cHL is ABVD²⁻⁴ although approximately 30% of these patients will be either refractory to or relapse following ABVD treatment⁵⁻⁷
- To minimize exposure to bleomycin, positron emission tomography (PET)-adapted treatment strategies, such as those employed in the RATHL and SWOG S0816 trials, have emerged as potential alternatives to 6 cycles of ABVD^{2,8-11}
 - The PET-adapted treatment approach in the 1L setting consists of refining treatment based on an interim PET/CT scan after 2 cycles of ABVD, with escalation or de-escalation of therapy for patients with a positive or negative interim PET scan, respectively^{10,12,13}
 - However, physicians in community practice settings may face challenges utilizing an interim PET-adapted treatment approach as timely and standardized interpretation of PET scan results are required to inform a change in treatment regimen¹⁴

Objective

As part of the CONNECT study, the first real-world survey of physicians, patients, and caregivers about cHL, we surveyed physicians on their cHL treatment decision-making process and how PET/CT scan access, reimbursement, and comprehension influence their treatment choices

Methods

Study Design

- The CONNECT physician survey was a double-blind, online survey administered from October 19, 2020, to November 16, 2020
 - Participating physicians were blinded to the study sponsor and participant identities were blinded to the sponsor and researchers
 - The survey was reviewed and approved by the New England Institutional Review Board

Participants

- Physicians were recruited using a large online panel of healthcare providers in the United States that leverages multiple sources of physician recruitment
- Eligible physicians
- o Included medical oncologists, hematologist/oncologists, or hematologists with ≥ 2 years medical practice experience
- Treated ≥ 1 adult (aged ≥ 18 years) with stage III or IV cHL and \geq 1 adult with cHL in the 1L setting within the past 12 months
- Recruited physicians were invited to take part in the survey via email

Statistical Analysis

- Quantitative data were summarized as mean and standard deviation or median and range
- Categorical data were reported as individual totals or percentages Non-mutually exclusive data were reported as a number and
- percentage of total sample size

Results





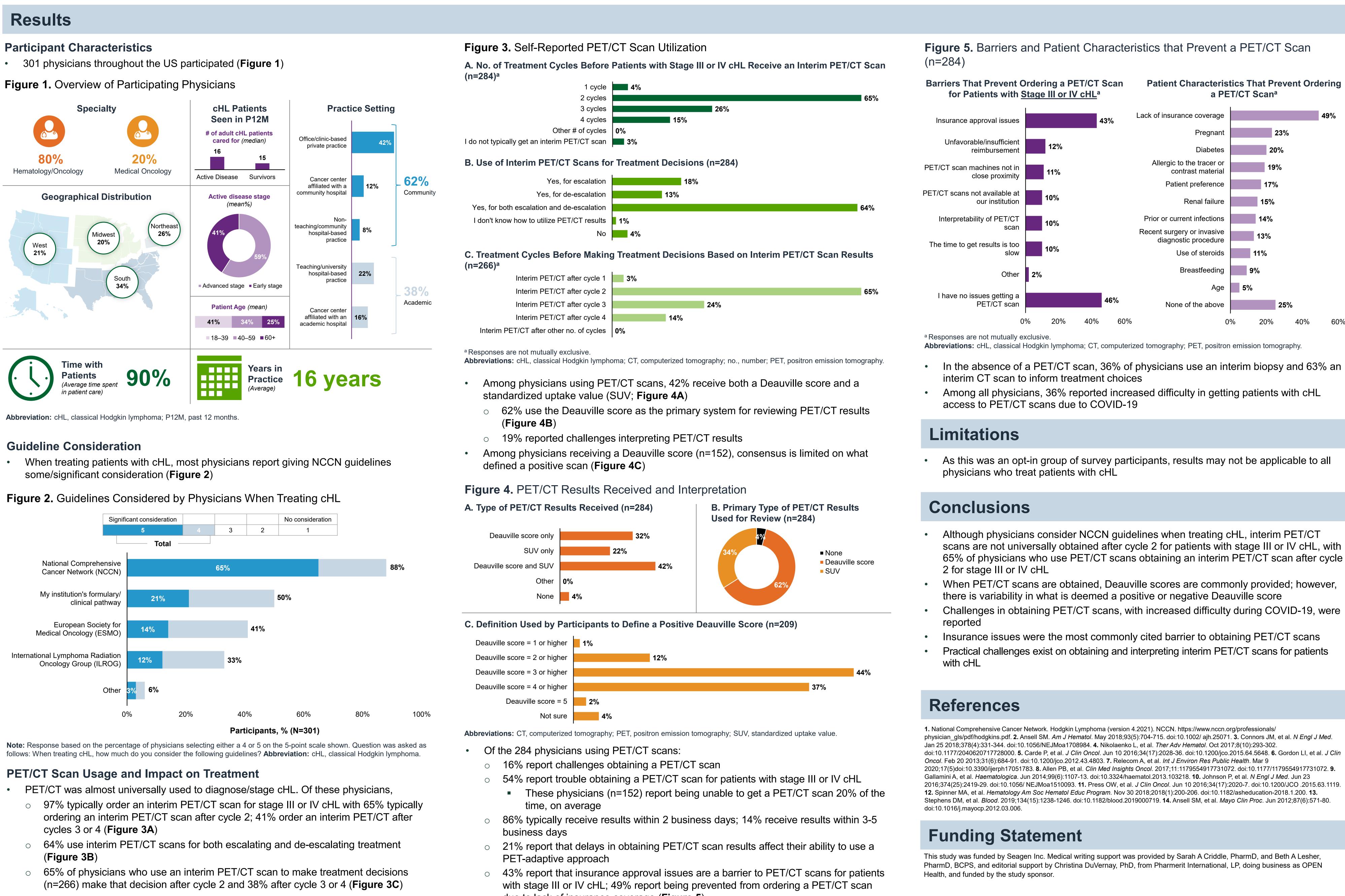


PET/CT Scan Usage and Impact on Treatment

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•	PE	T/CT was almost universally used to diagnose/stage cHL. Of these physicians,	Û
	0	97% typically order an interim PET/CT scan for stage III or IV cHL with 65% typically ordering an interim PET/CT scan after cycle 2; 41% order an interim PET/CT after cycles 3 or 4 (Figure 3A)	0
	0	64% use interim PET/CT scans for both escalating and de-escalating treatment (Figure 3B)	0
	0	65% of physicians who use an interim PET/CT scan to make treatment decisions (n=266) make that decision after cycle 2 and 38% after cycle 3 or 4 (Figure 3C)	0

cHL Patients Specialty **Practice Setting** Seen in P12M # of adult cHL patients Office/clinic-based cared for (median) private practice 20% Medical Oncology Active Disease Survivors 62% Cancer center affiliated with a 12% Community community hospital Active disease stage (mean%) Vortheas eaching/community 26% Midwest 20% hospital-based practice Teaching/university hospital-based **22%** South **34%** practice Advanced stage Early stage 38% Academic **Patient Age** (mean) Cancer center affiliated with an **16%** 41% 34% 25% cademic hospital ■ 18–39 ■ 40–59 ■ 60+ Time with Years in Practice (Average) 90% **16 years** Patients

Abbreviation: cHL, classical Hodgkin lymphoma; P12M, past 12 months.



follows: When treating cHL, how much do you consider the following guidelines? **Abbreviation:** cHL, classical Hodgkin lymphoma.

due to lack of insurance coverage (Figure 5)

scans are not universally obtained after cycle 2 for patients with stage III or IV cHL, with 65% of physicians who use PET/CT scans obtaining an interim PET/CT scan after cycle

