Patients with cancer infected with HCV could benefit from HCV therapy for several reasons: First, HCV treatment prevents progression of liver disease in cancer patients [3] and can eradicate the virus before immunosuppressive therapy is started. This is particularly important as HCV reactivation can occur following chemotherapy and can be fatal alone [4] or by precluding the use of lifesaving chemotherapy [5]. Second, antiviral therapy is associated with lower risk of recurrence and better survival of patients with HCV-related hepatocellular carcinoma [6]. Third, HCV treatment should be considered in all hematopoietic stem-cell transplant recipients, including cancer patients, who meet certain criteria [7], because HCV infection seems to be a significant risk factor for increased mortality after allogeneic hematopoietic stem-cell transplantation [8].

No evidence-based information about care of cancer patients with HCV infection is available, reflecting the limited data published on this patient population [9]. The most likely reason for this lack of information is that trials of pegylated interferon α-2 plus ribavirin typically exclude patients with cancer, in part because baseline hematologic abnormalities commonly seen in cancer patients can be exacerbated by HCV therapy. However, a recent prospective trial demonstrated the feasibility of using pegylated interferon α-2 plus ribavirin in cancer survivors [10].

In 2009, in response to overwhelming demand from our healthcare professionals to see HCV-infected patients, we established an HCV clinic operated by a multidisciplinary team: an experienced infectious-disease physician, a physician assistant, and a nurse. Initially, patients were screened for HCV antibodies, and those with confirmed infection were seen in the HCV clinic to determine whether antiviral therapy was indicated (Figure 1). Patients with indications for treatment were started on pegylated interferon α-2 (a or b) plus ribavirin, following guidelines for noncancer patients [9]. Patients in whom antiviral therapy was not recommended (eg, those unwilling to undergo treatment or with metastatic or terminal cancer, severe anemia, neutropenia, or thrombocytopenia) were referred to gastroenterologists for the management of chronic liver disease.

The performance of the Infectious Diseases HCV clinic was then retrospectively analyzed as part of the MD Anderson Quality Improvement program (Clinical Safety and Effectiveness). The study was approved by the Institutional Review Board.

We compared data from the first fully functional year of the HCV clinic (2010) with data from the last year before our clinic was started (2008). We found a significant increase in the number of patients started on antiviral therapy in 2010 (3% vs 19%, \( P = .03 \) ) (Figure 2).

As expected in this difficult-to-treat population, frequent visits to monitor for adverse events were needed, and a multidisciplinary approach with involvement by other services (eg, hematology, psychiatry) was required for patients started on antiviral therapy. Among patients who completed therapy, sustained virological response was observed in more than one-third of patients—a rate similar to that previously observed in other difficult-to-treat populations (eg, HCV–HIV–coinfected) [8]. Establishment of the HCV clinic also led to revenue enhancement as the average number of consults and follow-ups per month increased as more patients were started on treatment. The HCV clinic allowed us to eliminate the patient backlog and give patients prompt access to specialized care.

To our knowledge, ours is the first clinic in the United States devoted to managing HCV infection in cancer patients. Based on our standardized approach, we demonstrate that therapy is possible in this understudied population of HCV-infected patients. Our experience indicates that infectious-disease specialists

---

**Hepatitis C Clinic Operated by Infectious Disease Specialists at a Comprehensive Cancer Center: Help Is on the Way**

**To the Editor—**We have now embarked on a new era of successful but more complex therapy against hepatitis C virus (HCV) infection [1]. Unfortunately, most healthcare professionals remain poorly aware of treatment options for HCV [2], and more providers are needed to care for patients with this infection.

Generally, gastroenterologists or hepatologists care for HCV-monoinfected patients, whereas infectious-disease specialists care for patients with human immunodeficiency virus (HIV)–HCV co-infection. Which providers should care for special populations of HCV-infected patients, such as those with cancer, is not well defined.
have the expertise necessary to manage another complicated population and to help the gastroenterology community care for HCV-infected cancer patients. We are up to the challenge.

**Note**

Potential conflicts of interest. H. A. T. serves as a consultant for Vertex and Merck and has received grant support from Merck. All other authors report no potential conflicts.

All authors have submitted the ICMJE Form for Disclosure of Potential Conflicts of Interest. Conflicts that the editors consider relevant to the content of the manuscript have been disclosed.

Harrys A. Torres, Javier A. Adachi, Lillian R. Roach, Kathleen M. Smith, Parag S. Mahale, Marta Davila, and Issam I. Raad

1Department of Infectious Diseases, Infection Control, and Employee Health, and 2Department of Gastroenterology, Hepatology, and Nutrition, The University of Texas MD Anderson Cancer Center, Houston

References


Correspondence: Harry A. Torres, MD, FACP, Department of Infectious Diseases, Infection Control, and Employee Health, The University of Texas MD Anderson Cancer Center, 1515 Holcombe Blvd, Unit 1460, Houston, TX 77030 (htorres@mdanderson.org).

Clinical Infectious Diseases 2012;54(5):740–2
© The Author 2012. Published by Oxford University Press on behalf of the Infectious Diseases Society of America.
All rights reserved. For Permissions, please e-mail: journals.permissions@oup.com.
DOI: 10.1093/cid/cir930