



## MANTLE CELL LYMPHOMA

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**Cohen:** “Autologous transplant has been thought for many years to be an important aspect of treatment for patients with MCL. Interestingly, this study suggests that the benefit of ASCT may not be as significant as we thought, and there are actually ongoing trials to try to answer this question.

“One challenge with uptake of ASCT is that it requires referral by a treating oncologist to a transplant center, often several hundred miles away. It requires that a patient be well enough to receive the treatment, but they must also have the resources to complete the transplant, including transportation to and from the center, social/family support, finances, etc. As a result, many patients who may be medically suitable for transplant aren’t able to complete the process. Ultimately, there may also be a lack of awareness regarding who is and is not a suitable candidate for transplant. For example, we frequently can safely complete transplantation for patients in their 70s.”

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#### Learning Objectives for This Month’s Activity:

After participating in this activity, readers should be better able to 1. Analyze data from two large, independent groups on the management of patients with mantle cell lymphoma (MCL). 2. Explain the importance of exploring real-world differences in treatment patterns and outcomes for patients with MCL in academic and community settings.

Disclosure: All authors, faculty, staff, and planners have no relevant financial relationships with any ineligible organizations regarding this educational activity.

**Hill:** “In addition, transplant necessitates both a prolonged hospitalization and close involvement by a dedicated patient caregiver. The toxicities can be significant and many patients may be viewed as being too old and having prohibitive medical comorbidities to safely deliver ASCT. These factors, along with other social-economic barriers, result in the minority of patients with mantle cell lymphoma receiving transplant.”

**Oncology Times:** *Based on the study findings, what would be your recommendations to community-based practices to improve treatment regimens for this patient population?*

**Cohen:** “Fortunately, many of the treatments we now have are much better than what we used in the past, with new therapies commonly being developed. I think it is important that community-based oncologists have a close collaboration with their academic colleagues who see MCL on a more regular basis. Many patients can receive excellent care in their local community; but given how rare the disease is, it is important to be well-versed on the guidelines and current approaches when you do see a patient.

“I would also strongly recommend that patients be considered for and offered the opportunity to participate in clinical trials. There is still much we don’t understand about this disease and trials that include a patient cohort with racial/ethnic, geographic, socioeconomic, and gender diversity helps ensure that findings are applicable to the largest group of patients.”

**Hill:** “This large observational study from two robust contemporary datasets did not demonstrate a clear benefit to the use of ASCT in the current treatment era, with a large proportion receiving BR. In this sense, the use of transplant, particularly in older patients, may be less important than it was in the era when most patients were receiving R-CHOP.

“In addition, despite no prospective trials demonstrating an advantage to rituximab maintenance after BR, patients treated in this fashion had longer survival, both in the community datasets as well as in our academic consortium. As such, the frequently used approach of induction treatment with BR followed by rituximab maintenance rather than ASCT appears to be very safe and effective standard practice with favorable outcomes for most patients with mantle cell lymphoma.”

**Oncology Times:** *What limitations of the current study still need to be addressed before conclusive recommendations can be made? What are some considerations these findings provide for the design of future clinical trials evaluating treatment strategies in MCL?*

**Cohen:** “One of the challenges of any study like this is that we are reliant upon the data generated by chart reviews. Although the data are accurate and reflect what actually happened in the real world, this type of study does not provide an awareness of what may or may not have led to a particular decision being made.

“At the end of the day, many decisions between a treatment team and the patient are based on factors beyond some of the objective data related to their case. As a result, I always counsel my colleagues to view these data with the caveat that it is not a substitute for clinical judgment when assessing an individual patient. One key point of this project, however, is that it does suggest that ASCT may not be critical and opens to the door to future studies that may include alternative approaches for young patients that may not require ASCT.”

**Hill:** “Like any retrospective review of patient outcomes, there has been bias that could confound results. For instance, it is possible that rituximab maintenance was more commonly applied to patients who were responding favorably to induction treatment with BR, thus inflating the perceived benefit of this therapy. Because this was not a prospective randomized trial comparing observation versus maintenance rituximab, this limitation will remain a caveat that we acknowledge.” **OT**

*Dibash Kumar Das is a contributing writer.*