

Continuing Medical Education (CME) questions

Morbidity after HCT

To obtain credit, you should first read the journal article. After reading the article, you should be able to answer the following, related, multiple-choice questions. To complete the questions and earn continuing medical education (CME) credit, please go to <http://cme.medscape.com/journal/blood>. Credit cannot be obtained for tests completed on paper, although you may use the worksheet below to keep a record of your answers. You must be a registered user on Medscape.com. If you are not registered on Medscape.com, please click on the New Users: Free Registration link on the left hand side of the Web site to register. Only one answer is correct for each question. Once you successfully answer all post-test questions you will be able to view and/or print your certificate. For questions regarding the content of this activity, contact the accredited provider, CME@medscape.net. For technical assistance, contact CME@webmd.net. American Medical Association's Physician's Recognition Award (AMA PRA) credits are accepted in the US as evidence of participation in CME activities. For further information on this award, please refer to <http://www.ama-assn.org/ama/pub/category/2922.html>. The AMA has determined that physicians not licensed in the US who participate in this CME activity are eligible for *AMA PRA Category 1 Credits*TM. Through agreements that the AMA has made with agencies in some countries, AMA PRA credit is acceptable as evidence of participation in CME activities. If you are not licensed in the US and want to obtain an AMA PRA CME credit, please complete the questions online, print the certificate, and present it to your national medical association.

Sun C-L, Francisco L, Kawashima T, Leisenring W, Robison LL, Baker KS, Weisdorf DJ, Forman SJ, Bhatia S. Prevalence and predictors of chronic health conditions after hematopoietic cell transplantation: a report from the Bone Marrow Transplant Survivor Study. *Blood*. 2010;116(17):3129-3139.

- You are seeing a 53-year-old man status post HCT for acute myeloid leukemia. He feels well today. Based on results of the current study, which of the following disease variables would most increase his risk for more chronic health conditions?**
 - A recurrence of leukemia 1 year ago
 - Allogenic versus autologous HCT
 - Younger age at the time of HCT
 - Allogeneic peripheral blood stem cell versus bone marrow graft
- Chronic graft-versus-host disease (GVHD) is a frequent complication of allogeneic transplantation. Which of the following statements is most accurate about the impact of chronic GVHD on long-term health after transplantation?**
 - The incidence of multiple severe or life-threatening conditions was greater in those with chronic GVHD than in those without.
 - In patients who received therapy with immunosuppressive drugs for chronic GVHD, there was a 4.5-fold increased risk of multiple severe or life-threatening conditions when compared with their siblings.
 - The most common severe or disabling sequelae were endocrine, gastrointestinal, and musculoskeletal in patients with chronic GVHD.
 - All of the above
- The patient from question #1 has a brother who is 2 years older. Based on the results of the current study, which of the following statements regarding their relative risk for chronic health conditions is most accurate?**
 - They will have similar rates of any chronic health conditions and severe health conditions.
 - Treatment with HCT increases the prevalence of all chronic health conditions but not the prevalence of severe health conditions.
 - Treatment with HCT increases the prevalence of severe health conditions but not the prevalence of all chronic health conditions.
 - Treatment with HCT increases the prevalence of all chronic health conditions as well as severe health conditions.
- Based on results from the current study, the patient from question #1, compared with his brother, is at higher risk for chronic health conditions of all of the following systems *except*:**
 - Renal
 - Gastrointestinal
 - Musculoskeletal
 - Cardiovascular

Activity Evaluation (where 1 is strongly disagree and 5 is strongly agree)

- The activity supported the learning objectives.
1 2 3 4 5
- The material was organized clearly for learning to occur.
1 2 3 4 5
- The content learned from this activity will impact my practice.
1 2 3 4 5
- The activity was presented objectively and free of commercial bias.
1 2 3 4 5