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Date of request:
NCCN Guidelines Panel: Lymphoma, CLL

On behalf of myself, I respectfully request the NCCN Lymphoma & Leukemia Guideline panels to review the enclosed data for consideration of Vitamin D-25OH and bone mineral density testing in these patient populations.

Specific Changes: Recommend the serum free light chain assays as a routine component of the initial diagnostic evaluation of multiple myeloma (changed from “useful under some circumstances”).

Add language in workup for NHL, HL, and CLL:

Consider Vitamin D-25OH and bone mineral density testing.

Rationale:

The following articles are submitted in support of this proposed change.

Bone Mineral Density Testing
(see also manuscript references for deeper background):

"...**prevention of bone loss is better** than reversal of bone loss, since bone loss is a multifactorial, dynamic & complicated process" [4/9/15] Oncology Times http://journals.lww.com/oncology-times/blog/onlinefirst/Pages/post.aspx?PostID=1237

Effect of pamidronate on new vertebral fractures & BMD in lymphoma Pts [2004] Kim et al. Am J Med http://ow.ly/TjHS30aFP9H #lymsm #SuppOnc

Zoledronic Acid for Prevention of Bone Loss in Lymphoma [2013] @Lymphoma_Doc @mtmdphd et al. CLML http://ow.ly/zENQp #lymsm #SuppOnc

BMD screening should be routine in lymphoma [2014] @mtmdphd @Lymphoma_Doc Hagemeister @Annals_Oncology http://ow.ly/zENbR #lymsm

Hematopoietic Stem Cell Transplant Higher Risk of Fractures than in the General Population [4/9/15] http://ow.ly/N5DlY #mmsm #bmtsm

Increased Fractures in Hematopoietic SCT Pts [2015] Pundole et al. #JCOResearch http://ow.ly/N5H3z #bmtsm #mmsm #lymsm #SuppOnc

Incr Incidence of Fractures in Recipients of Hematopoietic SCT. Multi-variate risks: myeloma, Auto, age http://ow.ly/KMEzl #bmtsm #mmsm

VitD25OH testing in Hematologic Malignancies

Vitamin D assoc w/ survival in lymphoma patients [2009]
Witzig @MayoCancerCare on @YouTube http://ow.ly/9XbI302EF7X #lymsm #SuppOnc

Vitamin D Insufficiency & Prognosis in NHL [2010] Drake et al. #JCOResearch http://ow.ly/FJr3302FJkX #lymsm #SuppOnc

Vit D insuff & prognosis in chronic lymphocytic leukemia (CLL) [2011] Shanafelt et al. @MayoLeukemiaMDS http://ow.ly/MQZO1 #leusm

Vit D Rec upregulation in alloreactive human T cells [2012] Joseph et al @drkomanduri Hum Immunol http://ow.ly/LxNhQ #ImmunoOnc #lymsm

Vit D Defic Impairs Rituximab-Mediated Cellular Cytotoxicity in DLBCL [2014] Bittenbring et al #JCOResearch http://ow.ly/CD43h #lymsm

Low Vit D Assoc w Inferior Survival in Follicular NHL: #SWOGOnc & LYSA Studies [2015] Kelly etal #JCOResearch http://ow.ly/GxgN302EFPv #lymsm

Vit D Replacement Effect Tumor Response & Survival in Vit D Insuffic CA Pts @MayoCancerCare http://ow.ly/kJAb302FJOF #NCT01787409 #SuppOnc

Sincerely,

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