

Supplemental Table. Alignment or Discrepancy of ChatGPT's Responses Compared With 2019
AAD Guidelines for Cutaneous Melanoma With Full List of Evidence-Based Questions

Topic	Questions	Complete alignment	Partial alignment	Discrepancy
Biopsy	What biopsy techniques are effective in establishing accurate histopathologic diagnosis of CM?	1	0	0
Pathology	What clinical information should be provided to the pathologist to improve or facilitate diagnosis of CM?	2	1	0
	What histopathologic information should be included in the pathology report to improve or facilitate clinical treatment of CM?			
	Is there a benefit to using new molecular techniques, including gene expression profiling, to provide more accurate prognosis beyond currently known clinicopathologic factors for CM?			
Surgery	What are the recommended surgical margins and appropriate depths for invasive CM based on Breslow thickness?	2	0	1
	What are the most appropriate clinical margins for melanoma in situ (including lentigo maligna type)?			

	What is the role of staged excision or Mohs micrographic surgery for melanoma in situ, lentigo maligna type?			
SLNB	What is the role of SLNB for staging, regional nodal control, and survival in patients with CM?	2	0	0
	In what settings should SLNB be considered and/or recommended in patients with CM?			
Alternative therapies	For patients with melanoma in situ, lentigo maligna type, does the evidence support the use of topical imiquimod cream as primary therapy over surgical excision or other therapies?	2	0	0
	Among patients with melanoma in situ, lentigo maligna type, that has been “optimally” surgically resected, does the use of adjuvant imiquimod help to prevent local recurrence?			
RT	What is the role for RT for the primary treatment of CM (focusing on melanoma in situ, lentigo maligna type)?	2	0	0
	What is the role of RT as an adjuvant treatment in CM (focusing on desmoplastic CM with high-risk features)?			
	What laboratory, molecular, and imaging tests should be performed at baseline (following CM diagnosis)	3	0	0

Work-up and follow- up	and for surveillance in asymptomatic patients to detect occult metastasis?			
	What is the role of ultrasound imaging in initial evaluation and surveillance of the regional lymph node(s), either before or after sentinel lymph node biopsy?			
	What is the optimal frequency and duration of clinical dermatologic surveillance for detection of CM recurrence and/or additional primary CM?			
Pregnancy and exogenous hormones	Is there evidence to suggest that pregnancy increases the risk of developing CM?	5	0	0
	Is there evidence to support a waiting period before a woman with a history of CM becomes pregnant?			
	Does pregnancy affect the outcome in patients for whom CM vs metastatic melanoma has been diagnosed?			
	Should pregnant women be more vigilant about changes in their skin or take additional precautions, particularly in the setting of risk factors such as increased mole count, history of excessive sun exposure, and/or family history of CM?			

	Are exogenous hormones, oral contraceptives, and other contraceptive devices safe in women in whom CM has been diagnosed?			
Germline mutations	Is genetic testing for germline risk prediction useful and recommended for patients or families at high risk of CM development?	2	0	0
	Are there selection criteria according to which individuals who have or are at risk of developing CM should be referred for multigene testing for familial CM?			
Dermato-oncology considerations	How often should patients with metastatic CM on newer systemic therapies be followed for management of cutaneous side effects?	2	0	0
	What is the role of the dermatologist in the surveillance of patients with advanced/ metastatic CM?			
Abbreviations: AAD, American Academy of Dermatology; CM, cutaneous melanoma; SLNB, sentinel lymph node biopsy; RT, radiation therapy.				