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### Melanoma Early Detection: Big Data, Bigger Picture.

*Petrie T, Samatham R, Witkowski AM, Esteva A, Leachman SA.  
J Invest Dermatol. 2019 Jan;139(1):25-30. doi: 10.1016/j.jid.2018.06.187.*

#### **ABSTRACT**

Innovative technologies, including novel communication and imaging tools, are affecting dermatology in profound ways. A burning question for the field is whether we will retrospectively react to innovations or proactively leverage them to benefit precision medicine. Early detection of melanoma is a dermatologic area particularly poised to benefit from such innovation. This session of the Montagna Symposium on Biology of Skin focused on provocative, potentially disruptive advances, including crowdsourcing of patient advocacy efforts, rigorous experimental design of public education campaigns, research with mobile phone applications, advanced skin imaging technologies, and the emergence of artificial intelligence as a diagnostic supplement. **KEYWORDS:**RCM; War on Melanoma; WoM; reflectance confocal microscopy PMID: 30482597 DOI: 10.1016/j.jid.2018.06.187