## Journal Pre-proof

Ethical Outpatient Dermatology Care During the Coronavirus (COVID-19) Pandemic

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47	*** Letters to the Ethicist***
48 49	Letter
50	Dear Dr. Dermatoethicist: I am a dermatologist at a busy practice concerned about continuing
51	outpatient clinic during the COVID-19 pandemic. How do I handle acute medical concerns from
52	patients as well as questions from staff during the pandemic? - Dr. Concerned About
53	Coronavirus
54	
55 56	Response Dear Dr. Concerned About Coronavirus, as of March 17, a total of 179,111 confirmed COVID-
57	19 cases have been reported to the World Health Organization, 3,503 of which are within the
58	U.S. (1). The coronavirus has broad virulence and a 14-day latent period, making risk of viral
59	transmission and subsequent illness high (2). In the outpatient setting, dermatologists are
60	challenged with upholding seemingly competing professional duties. For example, triaging a
61	patient who requires urgent in-person evaluation but is at high-risk of COVID-19 transmission or
62	illness illustrates the current moral dilemma facing dermatologists. Values also conflict when the
63	very measures that protect staff and others from infection threaten employee salary and practice
64	solvency.
65	
66	Dermatologists at West China Hospital, located in a province hard-hit by 2019-nCoV, initially
67	closed outpatient clinics and cancelled elective surgeries (3). As the pandemic progressed, they
68	resumed outpatient office visits and surgeries on a case-by-case basis (3). The timeframe of
69	return to outpatient services and triage decision-making strategies were not described. Similarly,
70	some dermatologists in the U.S. have temporarily closed their practices to reduce transmission
71	risk. From a public health standpoint, the decision to temporarily close a practice is reasonable. It
72	reduces infection risk for patients, staff, and providers but also for others in contact with them.

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However, closing practices prevents providers from delivering needed care and has financial
consequences for the practice and staff.

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76 Teledermatology permits consultation without increased risk of infection, is cost-effective and 77 provides accurate diagnostic information (4). Providers can use teledermatology for routine 78 follow-up appointments and to triage individual patients for emergency in-person care. Providers 79 who have temporarily ceased in-person visits could transfer most visits to teledermatology. 80 Regulatory and reimbursement requirements for telemedicine have eased substantially during the 81 pandemic (5). However, not all patients have the desire, skills, or technology to engage in 82 teledermatology and may have dermatologic problems that are not amenable to telemedicine. For example, elderly patients may be unable to participate in teledermatology but are high-risk for 83 COVID-19 infection and dermatologic emergencies that require in-person care. Despite these 84 85 limitations, teledermatology is a useful tool for providing adequate outpatient care for many 86 patients during the pandemic.

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88 Significantly reducing office-based, in-person services while increasing teledermatology 89 consultation has the potential to permit effective and reimbursable dermatologic care that also 90 upholds public health. Ultimately, dermatologists will need to determine what warrants an urgent 91 office visit during the pandemic. Dermatologists should weigh the potential harm of delaying an 92 in-person visit against the potential harm of COVID-19 infection to the patient, practice, and 93 community. We argue that only those cases in which the delay of in-person care exceeds the risk 94 of COVID-19 infection should be considered for evaluation in the office during the pandemic. 95 - Dr. Dermatoethicist

## 96 **References:**

- 97 1. "WHO Situation Report 58. Coronavirus disease 2019 (COVID-19)." World Health
- 98 Organization, 17 March 2020, https://www.who.int/docs/default-source/coronaviruse/20200312-
- 99 sitrep-52-covid-19.pdf?sfvrsn=e2bfc9c0\_2. Accessed: 18 March 2020.
- 100
- 101 2. Hoehl S, Berger A, Kortenbusch M, Cinatl J, Bojkova D, Rabenau H, Behrens P, Böddinghaus
- 102 B, Götsch U, Naujoks F, Neumann P. Evidence of SARS-CoV-2 infection in returning travelers
- 103 from Wuhan, China. New England Journal of Medicine. 2020 Feb 18.
- 104
- 105 3. Chen Y, Pradhan S, Xue S. What are we doing in the dermatology outpatient department
- amidst the raging of 2019-nCoV?. Journal of the American Academy of Dermatology. 2020 Feb 107 17.
- 108
- 109 4. Warshaw EM, Hillman YJ, Greer NL, Hagel EM, MacDonald R, Rutks IR, Wilt TJ.
- 110 Teledermatology for diagnosis and management of skin conditions: a systematic review. Journal
- 111 of the American Academy of Dermatology. 2011 Apr 1;64(4):759-72.
- 112
- 113 5) "Medicare Telemedicine Healthcare Provider Fact Sheet." Centers for Medicare & Medicaid
- 114 Services, 17 March 2020. https://www.cms.gov/newsroom/fact-sheets/medicare-telemedicine-
- 115 health-care-provider-fact-sheet Accessed: 19 March 2020.