

Enhancing Skin Cancer Early Detection and Treatment in Primary Care

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Final approach to analysis

### Analyses

We used descriptive analyses to examine participating clinician characteristics and rates of e-consults, dermatology referrals and biopsies performed (defined as the number of cases per 1000 patients). We conducted a paired t-test to evaluate change in knowledge scores and used generalized estimating equation-based (GEE) models with link function of Poisson distribution and an exchangeable correlation structure to compare referral outcomes. The models included exposure to training (Yes/No), pre- and post-training time periods and the interaction of these two indicators as predictors. All analyses were two-sided, statistical significance was set at type I error of 5% and analyses were conducted using R Statistical Software.