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Skin surface temperatures measured by thermal imaging aid in the diagnosis of cellulitis

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**Title:** *Skin surface temperatures measured by thermal imaging aid in the diagnosis of cellulitis*

**Running Title:** *Thermal imaging of skin aids in cellulitis diagnosis*

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**Abbreviations:** AUC: area under the curve, CRP: c-reactive protein, ED: emergency department, ESR: erythrocyte sedimentation rate, MGH: Massachusetts General Hospital, NPV: negative predictive value, PPV: positive predictive value, ROC: receiver operator curve, SSTI: skin or soft tissue infection, WBC: white blood cell count

**Keywords:** cellulitis, thermal imaging, cost effectiveness

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