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Diagnosing acute otitis media using a smartphone otoscope; a randomized controlled trial

Sarah Mousseau, Annie Lapointe, Jocelyn Gravel

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**ACCEPTED MANUSCRIPT** 

Diagnosing acute otitis media using a smartphone otoscope; a randomized

controlled trial

**Short title:** Smartphone Otoscope for Ear Examination

Sarah Mousseau, MD<sup>1</sup>, Annie Lapointe, MD, MPH<sup>2</sup>, Jocelyn Gravel, MD, MSc<sup>1</sup>

**Affiliations:** <sup>1</sup>Division of Emergency Medicine, Department of Pediatrics, Centre

Hospitalier Universitaire Sainte-Justine, Montréal, Québec, Canada; and <sup>2</sup>Division of

Otorhinolaryngology, Department of Surgery, Centre Hospitalier Universitaire Sainte-

Justine, Montréal, Québec, Canada.

Address correspondence to: Jocelyn Gravel, MD, Department of Pediatrics, University

of Montréal, Sainte-Justine Hospital, 3175 chemin de la Côte Sainte-Catherine, Montréal,

QC, Canada, H3T 1C5, [graveljocelyn@hotmail.com], (514) 345-4931.

Funding: The study was completed without external financial support. However,

CellScope, Inc. provided the study team with two devices (valued at US\$299 each) since

they were not otherwise available in Canada.

Presentation: Preliminary data were presented orally at the Canadian Annual National

Pediatric Resident and Fellow Research Competition held in Winnipeg in May 2016 and

final data were presented in the form of a poster at the International Congress of

Pediatrics held in Vancouver in August 2016 and at the Pediatric Academic Societies

Meeting held in San Francisco in May 2017.

**Keywords:** Children, Otitis, emergency

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