

PEER REVIEW HISTORY

BMJ Paediatrics Open publishes all reviews undertaken for accepted manuscripts. Reviewers are asked to complete a checklist review form and are provided with free text boxes to elaborate on their assessment. These free text comments are reproduced below.

ARTICLE DETAILS

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| TITLE (PROVISIONAL) | Infrared Thermography in Paediatrics: A Narrative Review of Clinical Use |
| AUTHORS | Owen, Ruairidh; Ramlakhan, Shammi |

VERSION 1 - REVIEW

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| REVIEWER | Codoñer-Franch, Pilar University of Valencia (Spain) Competing interests: No competing interests |
| REVIEW RETURNED | 14-Jun-2017 |

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| GENERAL COMMENTS | <p>This manuscript is well organized and I enjoy reading it. The topic of the use of infrared thermography (IRT) in children is indeed a very interesting one. There is lack of information about the specific usage of IRT in a paediatric population although there has been a general consensus that this non-invasive, non-irradiating and relatively inexpensive technology may well have a place in the management of paediatric patients in the future. The authors presented up-to-date knowledge regarding the application of IRT in an exclusively pediatric population</p> <p>The manuscript may be considered for publication after minor changes. It is clear and well structured. This manuscript would be of general interest to the community of pediatrician researchers besides to the clinicians.</p> <p>I have only minor comments for improving the quality of this manuscript.</p> <ol style="list-style-type: none"> 1. Regarding the search strategy it could be considered the following databases: EMBASE (Elsevier), Cochrane Database of Systematic Reviews and Database of Abstracts of Reviews of Effect (DARE). 2. I am interested in seeing more information and discussion about the most problematic aspects for clarify the usefulness of IRT imaging as a diagnostic tool such as the technical characteristics, calibration, and protocol for the acquisition of images with the equipment. Future research must adequately address these questions. |
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VERSION 1 – AUTHOR RESPONSE

I have edited the title and the "What this study adds" section.

With regards to the comments about a widened search strategy to include Cochrane Database of Systematic Reviews and DARE, these were actually included in the original search strategy. I had incorrectly referred to the entire Cochrane Library as "Cochrane CENTRAL", so I have amended the Methods section accordingly.

I have performed a QUADAS2 assessment of each included study, producing a supplementary table.