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Hand and ultrasonic instrumentation for orthograde root canal treatment of permanent teeth (Review)

Pedrazzi V, Oliveira-Neto JM, Sequeira-Byron P, Fedorowicz Z, Nasser M

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[Intervention Review]

Hand and ultrasonic instrumentation for orthograde root canal treatment of permanent teeth

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The editorial group responsible for this previously published document have withdrawn it from publication.

REASON FOR WITHDRAWAL

Cochrane Oral Health withdrew this review as of Issue 2, 2019. This review has had low usage and impact and is not a priority for updating. The review is substantially out-of-date and does not meet current Cochrane methodological and reporting standards but is correct at the date of publication.

WHAT'S NEW

Date	Event	Description
7 February 2019	Amended	Cochrane Oral Health withdrew this review as of Issue 2, 2019. This review has had low usage and impact and is not a priority for updating. The review is substantially out-of-date and does not meet current Cochrane methodological and reporting standards but is correct at the date of publication

HISTORY

Protocol first published: Issue 1, 2007

Review first published: Issue 4, 2007

Date	Event	Description
6 August 2008	New search has been performed	This update includes 2 new excluded randomised controlled trials (Burleson 2007; Carver 2007)
6 August 2008	New citation required and conclusions have changed	This review derives from the original review 'Ultrasonic versus hand instrumentation for orthograde root canal treatment of permanent teeth'. The scope of the review has been broadened to include ultrasonic in conjunction with hand instrumentation versus hand instrumentation. Title was modified and an additional author (Jeronimo Oliveira-Neto) joined the review team. Changes to the background, objectives, types of interventions, search strategy (updated and additional searches of LILACS), methods of the review, discussion and conclusions
6 August 2008	Amended	Converted to new review format.