AcceleDentâ„¢ System, Used for Accelerated Orthodontic Tooth Movement, Receives United States FDA Clearance(2)

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HOUSTON, Nov. 22, 2011 /PRNewswire/ -- **OrthoAccel® Technologies, Inc.** [1], developer of the **AcceleDent™ System** [2], an appliance designed to accelerate orthodontic treatment, announced that it has received FDA clearance and is preparing to launch the product throughout the United States.

AcceleDent™ [2] is a simple, removable and non-invasive appliance that a patient with braces wears in the mouth for 20 minutes per day to **accelerate orthodontic tooth movement** [3]. A randomized, controlled **clinical trial** [4] conducted at the University of Texas Health Science Center at San Antonio, under the guidance of **Dr. Dubravko Pavlin** [5], Professor of Orthodontics, demonstrated, with statistical significance, that tooth movement could be accelerated by 106% during the initial alignment phase and 38% to 50% during closure of extraction space. There was no evidence of damage (resorption) of tooth roots or any other adverse events caused by the appliance, thus demonstrating an excellent safety profile. **Dr. Pavlin** [5] commented, "The evidence for faster tooth movement with the use of **AcceleDent™** [2] is welcomed by both orthodontists and patients since it may result in shorter orthodontic treatment time. With an increase in rate of tooth movement observed in our study the orthodontic treatment
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SOURCE [6]

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Links:
[1] http://www.acceledent.co.uk/
[2] http://www.acceledent.co.uk/home
[3] http://www.acceledent.co.uk/how-it-works/history-of-accelerating/
[4] http://www.acceledent.com/wp-content/uploads/2011/04/AcceleDent-Increases-the-Rate-of-Orthodontic-Tooth-Movement-Results-of-a-RCT-Final-for-Print-April-8-2011.pdf
[5] http://www.acceledent.co.uk/company/orthodontists-tech-consultants/#dpavlin
[6] http://www.bio-medicine.org/medicine-technology-1/AcceleDent-u2122-System--Used-for-Accelerated-Orthodontic-Tooth-Movement--Receives-United-States-FDA-Clearance-22366-1/