

# **Three-Dimensional Superimposition of Cone Beam Computed Tomography Models in Follow up of Orthodontic Cases: A Comparative Study of Different Software Programs**

Thesis

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## LIST OF ABBREVIATIONS

Abbrev.	Full Term
<b>2D</b>	Two dimensional
<b>3D</b>	Three dimensional
<b>ABO</b>	American board of orthodontics
<b>Ba</b>	Basion
<b>CBCT</b>	Cone Beam Computed Tomography
<b>DICOM</b>	Digital imaging and communication in medicine
<b>FOV</b>	Field of view
<b>FPD</b>	Flat panel detector
<b>ICC</b>	Intra-class correlation coefficient
<b>ICP</b>	Iterative closest point
<b>IID</b>	Image intensifier detector
<b>ISO</b>	International organization for standardization
<b>LCR</b>	Lateral cephalometric radiograph
<b>LOA</b>	Limit of agreement
<b>MI</b>	Mutual information
<b>MIP</b>	Maximum intensity projection
<b>MPR</b>	Multiplanar reformatted

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<b>MSCT</b>	Multislice computed tomography
<b>N</b>	Nasion
<b>O</b>	Orbitale
<b>P</b>	Porion
<b>PBR</b>	Point based registration
<b>RDE</b>	Relative Dahlberg error
<b>RME</b>	Rapid Maxillary Expansion
<b>S</b>	Sella
<b>SBR</b>	Surface based registration
<b>SD</b>	Standard deviation
<b>T1</b>	Pre-treatment image
<b>T2</b>	Post-treatment image
<b>VBR</b>	Voxel based registration
<b>VOI</b>	Volume of interest
<b>VV</b>	Voxel value