

Chapter 74

T-Scan 8 Recording Dynamics, System Features, and Clinician User Skills

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ABSTRACT

The newly designed T-Scan 8 Computerized Occlusal Analysis system represents the state-of-the-art in occlusal diagnosis. The reliability of the system's high definition recording sensors, the many occlusal analysis timing and force software features, and the modern-day computer hardware electronics that record occlusal function in 0.003 second real-time increments affords a clinician unparalleled occlusal contact timing and force information with which to predictably diagnose and treat many occlusal abnormalities. T-Scan 8 represents the culmination of 30 years of T-Scan technology innovation and development with revised desktop graphics and less toolbar buttons for simpler graphical display designed to shorten the T-Scan learning curve. The chapter also discusses five useful diagnostic occlusal recordings employed when treating commonly observed occlusal problems. Lastly, the chapter outlines the three Learning Levels of T-Scan mastery that must be accomplished for a clinician to become an effective and competent T-Scan user.

INTRODUCTION

Present day computerized occlusal analysis represents the State of the Art in occlusal diagnosis. T-Scan 8 (Tekscan, Inc., S. Boston, MA, USA) represents the culmination of thirty years of T-Scan technology innovation into the science of Dental Occlusion. T-Scan 8 has revised desktop graphics for simpler display, with less toolbar buttons and icons to minimize clinician complexity, which had made previous T-Scan versions somewhat difficult to readily learn and effectively implement clinically. The combination of

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