

CORRECTIONAL DENTAL ASSOCIATES

CORRECTIONAL DENTAL PROSTHETIC TRACKING & COMPLIANCE SYSTEM

The Correctional Dental Prosthetic Tracking & Compliance System (CDPTCS) was originally created in March of 2002, specifically for Correctional Dental Associates (CDA). The Correctional Dental Prosthetic Tracking & Compliance System is the only software designed specifically for large scale correctional system dental prosthetic tracking and percentage based time frame compliance reports. The CDPTCS can generate compliance reports on a percentage basis for any selected population over any selected time frame. CDA is researching the viability of a patent application for this specialized software.

The Correctional Dental Prosthetic Tracking & Compliance System can track thousands of inmate denture cases in multiple correctional facilities, involving multiple providers, multiple laboratories and controlling for multiple inmate movements from facility to facility. The CDPTCS tracks inmate denture cases from Start Date to Insertion Date and provides critical tracking and percentage based time frame compliance information. The tracking and reporting are current and historic. The CDPTCS was not designed for the laboratory requirements of a normal private practice prosthetic delivery. There are no other systems, of which we are aware, that offer this specialized correctional tracking and compliance capability.

The Correctional Dental Prosthetic Tracking & Compliance System has been revised and upgraded many times. It now has a Structured Query Language (SQL) based reporting engine that is sophisticated and allows the generation of reports on almost every field in the system. Because of its capabilities, the CDPTCS program is more than a database, it is a software application. The CDPTCS is accessed over a Virtual Private Network (VPN). It can be available to any computer on the network.

Prior to the New Jersey privatization in 1996, the New Jersey Department of Corrections contracted with regional, private dental laboratories to fabricate dentures. Although this helped to improve the quality, pick-ups and deliveries were erratic, many cases were lost, and tracking of cases was impossible due to a lack of tracking logs and laboratories not having the time or personnel to locate or follow cases. There was no time frame compliance requirement.

After privatization, CDA, as the sole dental provider, depended on several different denture laboratories to fit the New Jersey Department of Corrections prosthetic requirements into their delivery and organizational systems. New Jersey was the largest privatized single provider correctional dental service in the country at the time. The 1800 case per year prosthetic delivery was a constant challenge to track. At the time, there was no feasible and cost effective way to consistently monitor and measure the tremendous volume of prosthetic cases on a statewide, system wide, percentage basis. The prosthetic delivery was tracked and monitored manually.

Private dental laboratories did not have the administrative resources or the technology necessary to monitor initial impression to insertion time frames with multiple dentists in multiple facilities. Furthermore, private dental laboratories did not have the capability to track the inmate movements and provider changes that routinely occur in corrections during the course of the prosthetic fabrication process. Private dental laboratories did not have the need to track the time frame compliance for completion on a percentage basis. Consequently, private dental laboratories and offices did not need a sophisticated prosthetic tracking capability.

Most dental laboratories had one administrative person with one computer at the front desk to handle case tracking, billing, and all other business functions. Standard dental laboratory software is primarily billing based and related to individual dental offices and is of no use in monitoring a statewide correctional prosthetic delivery.

In corrections, the tracking and time frame compliance information should be immediately available and in a compliance percentage report format. Compiling the information by hand is impractical, inflexible, cumbersome, inaccurate and tremendously expensive.

The Correctional Dental Prosthetic Tracking & Compliance System allows simultaneous access by any computer linked to the system. The CDPTCS can input, monitor and print tracking and percentage based compliance reports for every location over any time frame. The Correctional Dental Prosthetic Tracking & Compliance System can monitor the progress of selected and/or delayed cases as necessary and generate percentage based Compliance Reports on the entire prosthetic delivery or any individual aspect of the prosthetic delivery.

Correctional Dental Associates has invested more than One Hundred and Twenty Thousand Dollars (\$120,000.00) into developing, installing, maintaining, refining and supporting the Correctional Dental Prosthetic Tracking & Compliance System. Hundreds of hours were spent developing the system by CDA Employees, Database Programmers, Web and Network Administrators, Software Consultants, Dentists, Lab Technicians, Dental Assistants and the CDA IT staff.

The following describes the Correctional Dental Prosthetic Tracking & Compliance System:

MENU OPTIONS:

- Add New Patient
- Modify Patient Information
- Search Patient by ID Number
- Search Patient by Last Name
- Print Reports
- Add/Delete Doctors

Add/Delete Assistants
INFORMATION FIELDS:

ID Number	SBI Number	Institution
Last Name	First Name	In Lab Date
Tracking Location	Laboratory Name	Assistant
Out Lab Date	Initial Doctor	Finish Date
Required, Elective	Start Date	Case Type
Insert Date	Status	Pan #
Total # of Prosthetics	No Show Days	Acrylic Shade
Stage Out	Tooth Shade	

REPORTS:

Assistant Compliance Report
Case Type Report (By Institution and Statewide)
CQI Prosthetic Compliance Report by Insert Date by Institution
CQI Prosthetic Compliance Report by Insert Date Statewide
CQI Prosthetic Compliance Report by Start Date (Institution and Statewide)
CQI Prosthetic Compliance Report by Inactive/Active (Institution and Statewide)
Doctor Compliance Report
In Lab Tracking Report
One Time Prosthetic Tracking Report Statewide
Patient Non-Compliance Tracking Report
Prosthetic Tracking Report (Institution and Statewide)
Statewide Prosthetic Institution Current Location Report
Statewide Prosthetic Institution Overview Report

Additional information is available on the website: <http://www.cdapc.com/assets/CDPTCS.php>