



OFFENDER MANAGEMENT SUITE

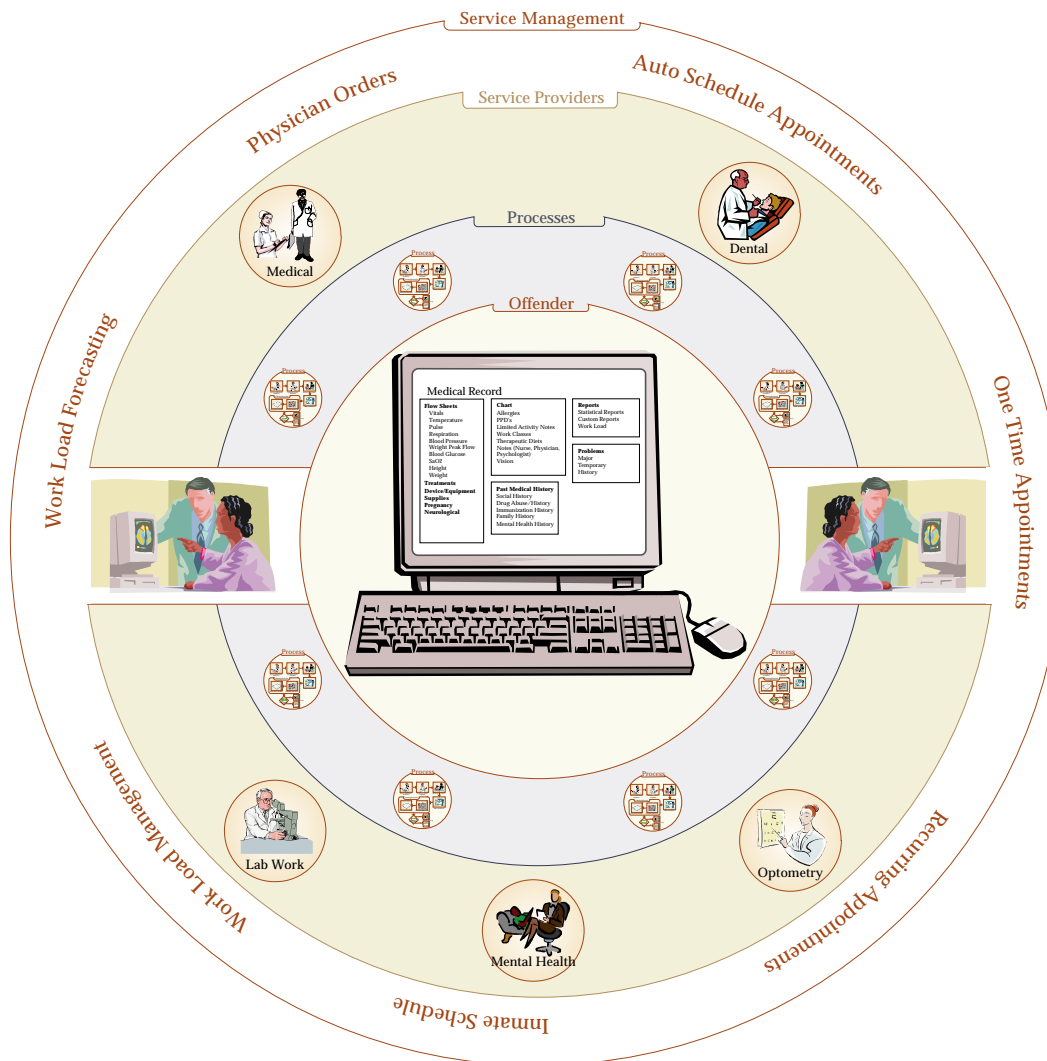
MEDICAL SERVICES

"standing guard with unusual discernment and foresight"

Executive Overview

Medical providers in the corrections industry face unique challenges including a population with a greater need for health care, increased documentation requirements, the need to transfer medical information quickly as inmates move between facilities, and the difference in the behavior and veracity of inmates as compared with typical patients. Offender Management Suite (OMS) Medical Services was designed by nurses, doctors, pharmacists, counselors, and central office personnel experienced in the corrections industry to address these special challenges.

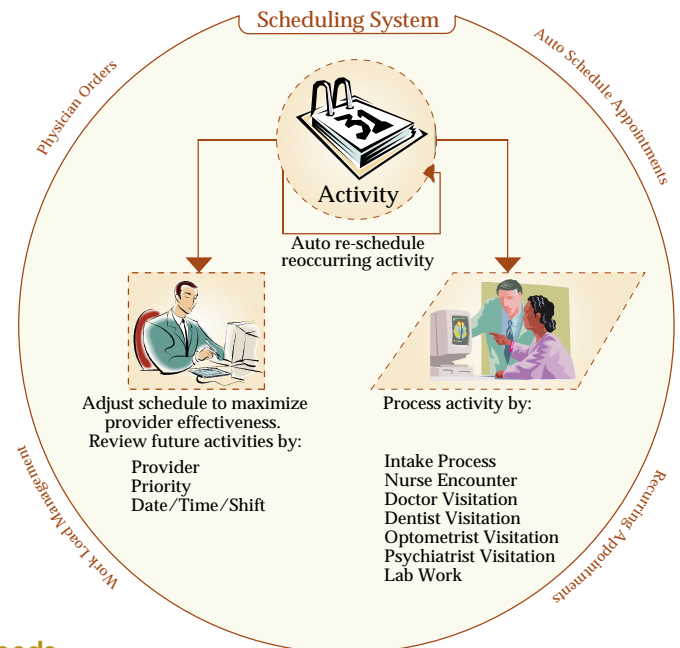
The cornerstone of OMS Medical Services is a secure online medical information system that allows authorized personnel to easily review and update an inmate's medical record as well as use analytical tools while shielding sensitive information from unauthorized access. Its unique multi-level scheduling system enables the Department of Corrections (DOC) to efficiently utilize scarce medical resources. It also raises the level of care by using "wizards" to direct users to consistently collect all necessary information needed to make more informed assessments and diagnoses.



M E D I C A L

Benefits

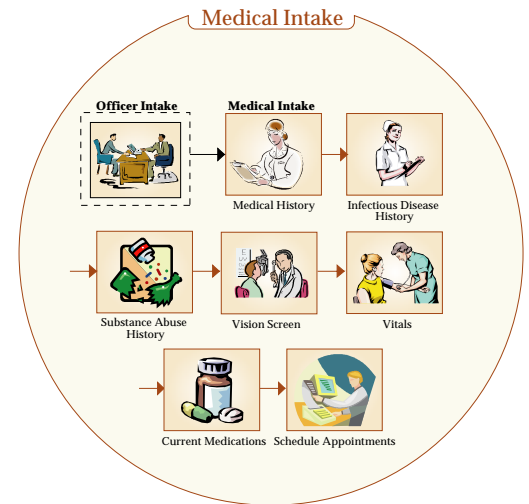
- **Improve Accessibility of Medical Information** - Over time, inmates' paper medical files can become unwieldy to transport and nearly impossible to search. Through OMS Medical Services' online data store, providers have instant access to an inmate's complete medical history, giving them a more accurate picture of that inmate's health. This information is presented in tables, graphs and reports designed with provider input to maximize the usability of available information. Its carefully structured format ensures consistency and allows for easier scanning of detailed medical information.
- **Tighten Security of Sensitive Inmate Data** - Unlike users of paper-based systems, a Medical Services user has access to all inmate medical information on a need-to-know basis. The system's security controls the type of information and the facilities whose inmates are accessible to a given user. It also uses a screen-based security model that allows administrators to specify group and user-specific view, update and delete rights to each screen.
- **Increase Quality and Consistency of Care** - The system's wizards, created by carefully studying the actual procedures followed during medical visits, ensure that all essential steps are performed and that information is collected and stored in a standard, readily accessible format. This ensures that policy and procedures are being followed, increasing the level of care while the automated record-keeping provides defensibility in case of lawsuits.
- **Efficiently Leverage Medical Resources** - Through the integrated scheduling system, administrative personnel can manage appointment scheduling to minimize the personnel required while ensuring that required care is provided and follow-up visits are carried out. This automatically generated schedule can be viewed by institution, provider, activity and/or scheduled date. It gives staff the tools they need to review future schedules and balance workload with available resources and auto highlights activities that are past due.
- **Analyze Data to Contain Outbreaks** - The structure and centralization of medical data allows providers to easily search for trends. For example, medical personnel can search for inmates recently complaining of nausea among the tens of thousands of encounters in the last month to help identify the geographic location of a flu outbreak. This significantly improves the staff's ability to detect and respond to infectious outbreaks.
- **Support Grant Applications and Other Reporting Needs** - The structure of the database is designed to support grant applications, hypothesis testing, requirement forecasting and statistical reporting by allowing an authorized user to view summarized information on a wide variety of health problems over a given period of time.



Features

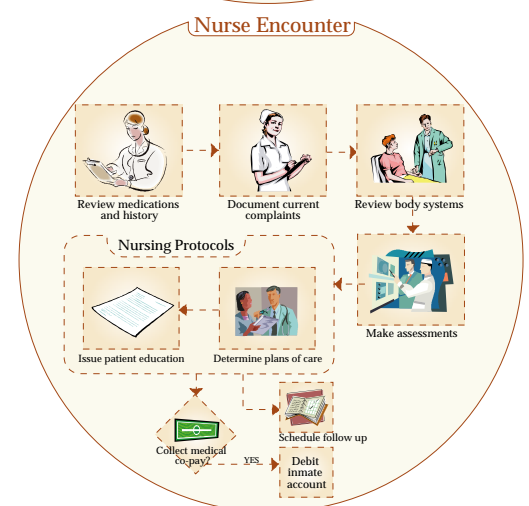
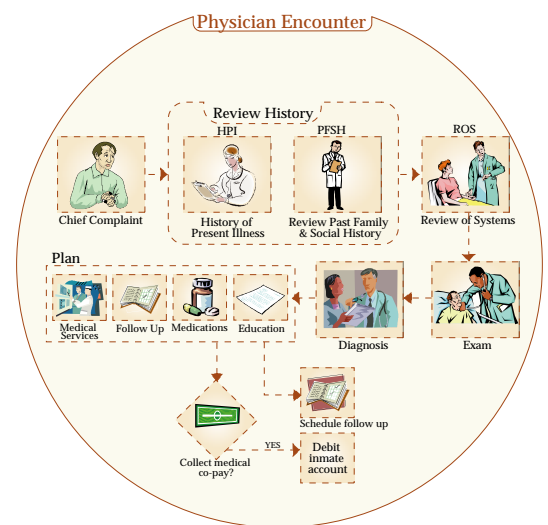
● **Medical Intake** - The Medical Intake process wizard guides the nurse in the collection of information, which is then immediately available to the physician, reducing the need for repetitive questions during the physical examination. This has been shown to reduce the total physician contact time required for initial intake by over two thirds. Extensive information about the inmate is collected during this process, including

- ▶ Medical History
- ▶ Infectious Disease History
- ▶ Substance Abuse History
- ▶ Vision Screen
- ▶ Vitals
- ▶ Current Medications



● **Nurse/Physician/Mental Health Encounter Process** - These wizards guide the medical staff through each part of the encounter process from history of present illness, past family and social history, review of body systems and physical exam to an assessment/diagnosis and eventual plan. Tools to help medical personnel during the encounter process include:

- ▶ **Health Summary** - This is a single point of reference giving detailed health information including an inmate's diagnosis history, allergies, encounters and prescriptions and more.
- ▶ **Patient Education Information** - The system includes ready-to-print patient education information on a wide variety of topics in both English and Spanish.
- ▶ **Electronic Forms** - Many of the paper forms required can be accessed and filled out online, reducing overhead associated with storage, access and potential loss of paper forms.
- ▶ **Flow Sheet Information** - OMS Medical Services maintains detailed information on each inmate including vitals, allergies, treatments, equipment, intake/output and immunizations. Where appropriate, these items can be graphed to show trends over time. For example, a physician can view a graph of a patient's blood pressure over a period of time to aid in a diagnosis or assess the effectiveness of a treatment.



- **Activity Scheduler** - The Activity Scheduler automatically schedules required follow-ups and recurring appointments and allows for the entry of one-time appointments. It also allows users to access a chronological listing of appointments that acts as a to-do list and access the necessary forms for each appointment simply by clicking a button.
- **Reporting Capabilities** - Extensive reporting options allow providers to see important data quickly. Some examples of reports include: Diagnosed Problems, Diagnostic Impressions, Data Report (statistical information), Chart (an inmate's entire medical record) and Devices/Equipment. Many of the reports can be configured to show counts of inmates currently in the system or cases diagnosed within a user-specified interval to support internal analysis as well as legislative inquiries.
- **Integration with Legacy Systems** - ATG has extensive experience in customizing systems to ensure a perfect fit with the DOC's existing systems. For example, Medical Services can interface to the existing case management system so that the medical system will pass on work restrictions, limited activity notices, scheduled appointments and move inmate medical records based on inmate transfers recorded in the case management system.
- **Integration with Cooperative Systems** - Several other OMS applications are designed specifically to interface with Medical Services to enhance its benefits, including:

- ▶ **Pharmacy Administration** - Interfacing with this module reduces overhead by giving the prescribing physician immediate feedback on contra-indications, drug interactions and drug allergies so that prescriptions are correct the first time. It also cuts costs by immediately transmitting the prescription to the pharmacist instead of requiring a paper prescription to be physically transported to the pharmacy.
- ▶ **Case Management** - Medical Services is pre-configured to work seamlessly with OMS Case Management to convey physician orders directly to inmate counselors. Using ATG's unique data transfer system, medical records are automatically transferred with an inmate from institution to institution.
- ▶ **Offender Funds Administration** - Medical Services is designed to implement medical co-pay quickly and easily when interfaced with OMS Offender Funds Administration.
- ▶ **Commissary** - When interfaced with the Commissary module, Medical Services can enforce restricted access to certain commissary items based on physician orders.

