

## A CUBEX CASE STUDY

# Arizona Veterinary Dental Specialists



Arizona Veterinary Dental Specialists experienced the following savings as a result of the Cubex implementation:

- 31% Reduction in Inventory on-hand
- 75% Reduction in staff time associated with supply management
- 12% Reduction in supply and medication consumption

TOTAL SAVINGS:

**\$78,380**

CUBEX ANNUAL EXPENSE:

**\$26,338**

FIRST YEAR NET SAVINGS:

**\$52,043**

Arizona Veterinary Dental Specialists is a specialty practice comprised of three locations throughout the Phoenix-metro area of Arizona. The practice is devoted exclusively to the oral health care of domestic and exotic animals.

Arizona Veterinary Dental Specialists addresses the dental needs of animals throughout Arizona, from dogs and cats to exotic zoo animals such as lions, tigers and bears. The clinic offers the latest advances in veterinary dental medicine and surgery. Services include periodontal evaluation and treatment, endodontic therapy, occlusal evaluation, orthodontics and oral surgery. This specialization and the cutting-edge nature of the procedures performed require that many different supplies and medications are on-hand at any given time.



### BUSINESS CHALLENGE:

#### Manual Supply Management = Higher Supply Cost

With three busy offices to manage, the staff at Arizona Veterinary Dental Specialists had limited time to dedicate to the ordering of veterinary medications and supplies. They faced the challenge of ordering the appropriate amounts of multiple types of supplies to avoid running out of key supplies versus over-ordering. With no technology tools to help manage their inventory, the rising cost of medications and supplies at all locations attracted the attention of management. They began spending valuable time supervising the daily processing of veterinary supplies and medications. As supplies were the second largest expense after labor, it became imperative to find a way to dramatically reduce these costs.

### SOLUTION: THE CUBEX SYSTEM

Given the challenge of managing supply and pharmacy inventory across three locations, the team at Arizona Veterinary Dental Specialists realized the need to look for a partner with inventory management expertise who could offer a simple solution for automating this process. Cubex offered both the technology and supply management expertise to help Arizona Veterinary Dental Specialists gain better control over rising medication and supply costs. With Cubex, Arizona Veterinary Dental Specialists would be able to eliminate the manual processes associated with ordering medications and supplies and management would be provided with real-time data across all three locations.

The first step of the Cubex system involved an on-site analysis of the existing inventory process by the

Cubex team. This included in-depth documentation of how an item was ordered, delivery to the practice, storage, pulling an item for use, tracking by patient and finally reordering and stocking. Cubex was able to identify the gaps and propose the recommended solution. Once the implementation team arrived onsite, they began by taking a complete inventory of all veterinary medications and supplies. Obsolete inventory was either returned to suppliers or discarded; the remaining inventory was placed into the Cubex cabinets. In addition, controls were established that allowed only authorized users access to valuable supplies and medications, such as narcotics.

Minimum and maximum inventory amounts were established for each item to ensure that medications and supplies were only ordered when needed and that adequate amounts would always be available. When items reach their minimum levels, orders are batched on preset days and automatically sent via the Internet to suppliers for replenishment.

#### BUSINESS INTELLIGENCE:

##### Critical Medication and Supply Data Becomes a Reality

Cubex provides Arizona Veterinary Dental Specialists with web-based reporting that enables the supply coordinator responsible for inventory management at all three locations the ability to manage the process from one central location. Reports are automatically emailed to Arizona Veterinary Dental Specialists management on a weekly and monthly

basis, based on their preference. Reporting includes detailed information on inventory aging (items that have not been used for long periods of time), consumption (who took what, when, for which patient, and how much), and top 10 reports on volume and expense. Two key top 10 reports include one listing those items having the highest volume of usage and a second report showing the top ten items by expense. Having access to this data has allowed Arizona Veterinary Dental Specialists to ensure higher accountability with staff members, reduce inventory as a result of product consolidation and significantly decrease the staff time associated with medication and supply management.

#### RESULTS:

##### Improved Clinic Efficiency and Reduction in Supply Costs

Arizona Veterinary Dental Specialists immediately began to see both financial and worksite efficiency benefits. The Cubex system now manages all critical veterinary medications and supplies at the three practices. To help maintain the security of narcotics inventory, Cubex narcotic drawers were installed at the newest location, providing even greater accountability for these items. Because the practice has

a better grasp on medication and supply utilization, it has been able to reduce on-hand inventory by over 30 percent. Additionally, the practice has reduced the time associated with the inventory management process by approximately 75 percent resulting in more time for staff to focus on patient care.

Arizona Veterinary Dental Specialists has recognized other savings as well. Using the Cubex system to place replenishment orders automatically not only saves staff time on the front end of the process but restocking now takes only 10-15 minutes compared to an hour or more previously. Staff no longer needs to call in emergency orders or travel to other locations for medications and supplies required for patient care. The operational efficiencies gained by Cubex have been significant.

The Cubex system is an integral part of Arizona Veterinary Dental Specialists operations. The ability to monitor all medication and supply spending throughout the practice's three locations has enabled them to make more informed business decisions on which products to consolidate and/or eliminate based on usage history. It also allows them to make more cost-effective purchasing choices which ultimately benefit their clients too.



*"The initial Cubex implementation was such a huge success in our main office that we immediately implemented Cubex at our other two Arizona locations," said Dr. Chris Visser, practice owner.*

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