Case Study: Increasing ER Productivity with CoVet AI

Background

In emergency and specialty veterinary settings, time is the most valuable resource. Between documentation, client updates, and administrative tasks, clinicians often struggle to balance efficient recordkeeping with high-quality patient care.

To evaluate how AI-powered scribing and workflow automation could improve efficiency, Hospital X, a multi-DVM emergency hospital, implemented CoVet, the AI clinical co-pilot built for veterinary teams.

Disclaimer Hospital X has asked that they remain anonymous until the data shared is deemed no longer business-sensitive.*

Approach

The hospital tracked cases-per-DVM-per-day across six consecutive months (May to October) and compared performance from 2024 to 2025. The goal: determine whether CoVet's AI-driven scribing and workflow automation enabled clinicians to manage more cases with greater efficiency, consistency, and reduced cognitive load.

Results

Across the six-month analysis period, every month showed measurable and stable gains in productivity.

Month (Year-over-Year)	Average Increase	Range of Change Across DVMs
May → May	+1.77 cases per DVM day	+0.6 to +2.8
June → June	+1.85 cases per DVM day	-0.1 to +2.7
July → July	+1.18 cases per DVM day	+0.3 to +2.1
August → August	+0.89 cases per DVM day	+0.95 to +3.5
September → September	+1.80 cases per DVM day	+4.4 to +4.5
October → October	+0.52 cases per DVM day	+0.4 to +2.9

**Five data points were removed as outliers because significant changes to the veterinarian's schedule (such as switching from weekdays to weekends or from overnight to day shifts) materially affected case counts. These outliers included both increases and decreases in cases seen.*

Six-Month Performance Summary

Across all months measured, Hospital X achieved an average productivity increase of +1.335 cases per DVM per day.

This represents a consistent and repeatable improvement in ER case throughput, supporting the operational impact CoVet delivers in real-world clinical settings.

Impact on Hospital Operations

1. Significant increase in daily caseload capacity
2. Faster transitions between patients due to reduced documentation time
3. Improved triage-to-treatment flow
4. Reduced administrative friction during peak ER surges
5. Greater access to patient care for the community
6. Higher overall clinician satisfaction

A gain of just one extra case per DVM per day translates to: ≈ 250 additional patients per year in a single-doctor ER rotation

One emergency veterinarian expressed the change clearly:

"What you all have done has made my life and job so much more fun."

Conclusion

CoVet's AI co-pilot not only reduces documentation time but measurably increases throughput without sacrificing quality of care.

Hospital X's data demonstrates that, even in demanding emergency environments, CoVet enables veterinarians to reclaim time, increase capacity, and enhance both professional satisfaction and patient outcomes.