



Enhanced Senior Care with AI-Assisted Fall Prevention



Case Study - Ignite Medical Resorts



UNCOMPROMISING LUXURY | RAPID REHABILITATION

Ignite Medical Resort
Oklahoma City
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Falls are a prevalent and serious risk for individuals aged 65 and older, often leading to fatal or nonfatal injuries.

Ignite Medical Resorts, known for its blend of advanced medical rehabilitation and luxury hospitality, sought to mitigate this risk at its Oklahoma City facility.

In partnership with Sabra Healthcare REIT and Kami Vision Inc., Ignite implemented the KamiCare AI-enabled fall management system to monitor and analyze resident movements, aiming to reduce falls and improve overall care quality.

02 CHALLENGE & SOLUTION

Ignite Medical Resorts OKC faced a significant challenge with approximately 60 falls per month (2022) among its 75 beds.

Previous fall prevention technologies proved either ineffective or too costly to scale across multiple locations. Ignite needed a solution that was accurate, affordable, easy to set up, and capable of providing real-time alerts to care staff.



KAMICARE SENSOR



KamiCare Pilot Program

KamiCare's AI-powered cameras and notification system offered a promising fall detection and management solution. **KamiCare not only detects falls but also analyzes the footage to identify the root causes.**

Additionally, KamiCare collaborated with Ignite to develop a new "**Bed Exit**" feature, which alerts staff when a resident at high risk for falls is about to leave their bed. **This feature enables timely intervention and can prevent falls before they happen.**

The implementation process involved **close collaboration** between the Ignite, Sabra, and KamiCare teams.

Staff training and clear **communication with families** were essential to ensure smooth adoption.

Initially, the facility observed an increase in reported falls, which was attributed to the system's ability to **detect previously unnoticed incidents.**

This data proved invaluable in developing targeted fall prevention strategies.

To maintain the highest standards of privacy, Kami Vision does not collect biometric information of the monitored individual. Fall event images sent for verification to KamiCare's monitoring center are blurred to protect personal identity.

04 RESULTS

Administrators at Ignite Medical Resorts in Oklahoma City compared patient incidents three months prior to six months after the KamiCare AI-assisted fall response solution deployment.

18.8% Reduction

In overall Emergency Room transfers

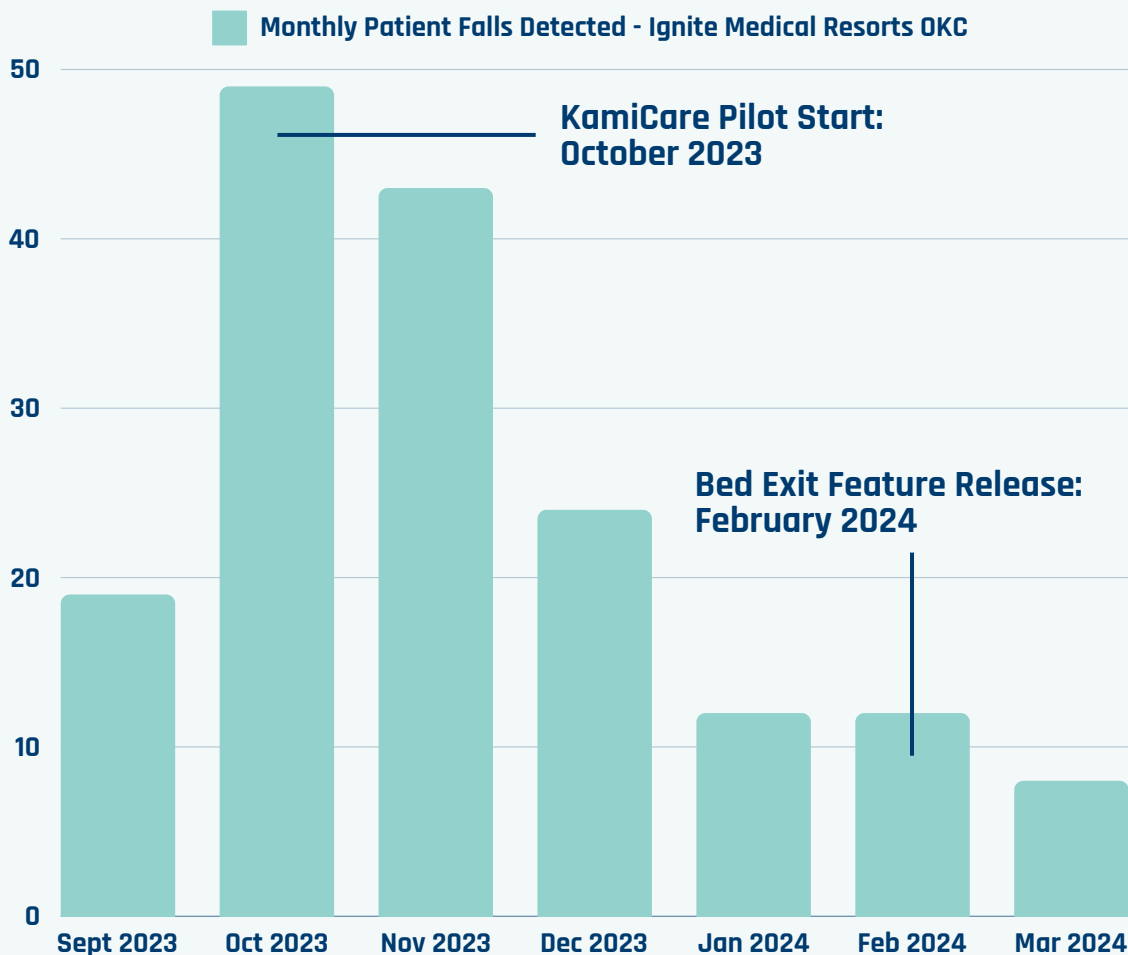
14.3% Reduction

In Emergency Room transfers based on resident falls

Prior to the KamiCare pilot program, Ignite OKC relied on care staff to manually report fall incidents.

Through the pilot, Administrators received unbiased, real-time data.

While the number of reported falls initially increased at the beginning of the pilot, Ignite OKC's **total number of falls per month decreased 74%** by the conclusion of the pilot.



KamiCare-detected total monthly resident falls were as high as 62 in October 2023 and dropped to 16 by March 2024, compared to an average of 28 total falls per month (June to September) before the pilot began. Installing KamiCare allowed Ignite Medical Resorts to witness formerly unwitnessed falls, reflected in the increased number of falls from Sept '23 to October '23. This 74% reduction in falls demonstrates the value of KamiCare's data in mitigating future fall risks for community residents.



06 KEY TAKEAWAYS

✓ **Reduced Fall Rate**

KamiCare-detected total monthly resident falls were as high as 62 in October 2023 and dropped to 16 by March 2024. This **74% reduction in falls** demonstrates the value of KamiCare's data in **mitigating future fall risks** for community residents.

✓ **Enhanced Fall Prevention**

KamiCare's "**Bed Exit**" feature and detailed fall analysis enabled care staff to implement personalized fall prevention plans for residents.

✓ **Improved Emergency Response**

The system's **real-time alerts** allowed for immediate response to falls, including one instance where a resident exhibiting stroke symptoms was promptly attended to.

✓ **Prevention of Return-to-Acute Cases**

By analyzing fall footage, staff could assess head injuries and potentially **prevent unnecessary hospital readmissions**.

The partnership between **Ignite Medical Resorts, Sabra Healthcare REIT, and KamiCare** demonstrates the successful application of **AI technology** to address a critical challenge in senior care.

The KamiCare system's accuracy, affordability, and ease of implementation make it a viable solution for scaling fall prevention efforts across multiple senior and memory care communities.

The positive results achieved at Ignite OKC underscore the potential of AI-assisted fall prevention to significantly improve the quality of care and safety for seniors in residential care settings.

Ready to transform your senior community's fall detection and management solutions?

Contact kamicare@kamivision.com



- Schedule a demo
- Discuss your specific needs
- Start a pilot program

Learn more at [kamivision.com](https://www.kamivision.com)