

CAREKINESIS®

Case Study



Inspira LIFE: Increasing Medication Management and Adherence with the MedaCube™

The Partner

Inspira LIFE (Living Independently for Elders), a member of the Inspira Health Network, is located in Vineland, New Jersey. LIFE is a Medicare and Medicaid program known in many states as PACE (Program of All-inclusive Care for the Elderly). The location serves approximately 276 participants in three counties.

The Challenge

Inspira LIFE Medical Director Ankur Patel, MD, MBA, and his staff noticed that several participants were struggling to successfully manage their



Ankur Patel, MD, MBA
Medical Director, Inspira LIFE

medications. "One of the biggest challenges with seniors is that many intend on taking their meds, but memory impairment prevents them from doing so," he explains. "And if they do take them, they forget that they did and double-up, which results in preventable adverse events."

The Solution

In an effort to increase medication adherence, reduce preventable ADEs, and improve utilization, Inspira LIFE opted to provide several participants with the MedaCube. The MedaCube is an in-home automated dispensing system that helps PACE participants continue to live independently and avoid nursing home or assisted living admission. The device provides real-time notifications to caregivers and nurses when patients have not taken medications as expected, and it does not require pre-sorting of medications or complicated canister configurations, reducing nursing time and the risk for error. If a patient misses a dose or the machine sensors indicate tampering, the caregiver and nurse are alerted.

CareKinesis is the exclusive national provider of MedaCube to PACE. More than 150 of the devices, which are customized for each participant and backed by 24-hour customer service, have been deployed across PACE clients.





At a Glance

Inspira LIFE

Vineland, NJ

inspirahealthnetwork.org/life-center

Challenges

- Participant medication management and adherence
- ADEs due to accidental medication administration

The Solution

- The MedaCube medication adherence device

Results

- Increased medication management and adherence rates
- Reduced accidental medication administrations and ADEs
- Decline in homecare visits and time spent managing participant medications

The Results

"Before deploying the MedaCube to our non-adherent participants, medication compliances rates

were in the range of 20 to 40 percent," says Dr. Patel. "Having the MedaCubes in their homes has significantly increased their medication adherence to rates of over 90 percent." In addition, participants using the MedaCube are unable to take additional medication by accident, since the device tracks and stores unused medications. Staff efficiency has also increased due to the reduction of homecare visits and time that nurses spend managing participant medications.



Conclusion

Inspira LIFE fully endorses the CareKinesis MedaCube, and their success story has been featured in local news outlets such as the Daily Journal and NJBIZ. Thirteen MedaCubes are currently in use by Inspira LIFE participants, which represents five percent of their census, and staff plans on deploying six more devices in the coming year. "We are pleased that our long-time partner, CareKinesis, is able to provide Inspira LIFE with the



MedaCube and the services required to assure participant success," Patel says. "The device enhances medication safety for participants living in the community and helps to avoid nursing home care, helping PACE accomplish its goals."

To learn more about how the MedaCube can help increase medication adherence rates and reduce adverse events, email info@carekinesis.com or call 888-9-PharmD.