**Facts:**

**Medication Non-Adherence ... an Avoidable Epidemic**

Of the patients prescribed medications in the United States*, it is estimated that:

- 1/3 take all of their medications as prescribed
- 1/3 take some of their medications
- 1/3 do not take their prescribed medications at all
- 23% of caregivers report problems with medication management
- 11% of all elderly hospital admissions were due to medication non-compliance
- Only 50% of the people typically follow their doctor’s orders when it comes to taking their prescription drugs

*Sources available upon request

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**e-pill MedSmart Dispenser**

- Includes SKU 993019 / SKU 994019
- A proven e-pill adherence device that organizes, reminds, and dispenses medications so they are taken properly and on-time. At set times during the day this e-pill dispenser will beep, flash, and rotate, making the proper pills available for consumption. Just flip your MedSmart over and the correct pills will be dispensed, while all other doses remain safe and secure. Standalone (SKU 993019) and event reporting version (SKU 994019 / FREE Monitoring). MedSmart improves medication adherence, reduces the risk of dosing errors, improving clinical outcomes and quality of life.

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**Default alert notification settings**

<table>
<thead>
<tr>
<th>ALERT</th>
<th>TYPE</th>
<th>PROGRAMMABLE</th>
<th>DEFAULT SETTING</th>
</tr>
</thead>
<tbody>
<tr>
<td>Missed dose</td>
<td>Immediate</td>
<td>Per patient</td>
<td>After 2 consecutive missed doses</td>
</tr>
<tr>
<td>Refill reminder</td>
<td>Next day</td>
<td>Per patient</td>
<td>2 days of medication remaining</td>
</tr>
<tr>
<td>No base station call in</td>
<td>Next day</td>
<td>Per patient</td>
<td>3 days without communication</td>
</tr>
<tr>
<td>Help/refill</td>
<td>Immediate</td>
<td>No</td>
<td>Immediate</td>
</tr>
<tr>
<td>Machine error</td>
<td>Immediate</td>
<td>No</td>
<td>Immediate</td>
</tr>
<tr>
<td>Low battery</td>
<td>Next day</td>
<td>No</td>
<td>Battery is low</td>
</tr>
<tr>
<td>No new data</td>
<td>Next day</td>
<td>No</td>
<td>None</td>
</tr>
</tbody>
</table>

*Alert notification settings may be adjusted by the user.

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**Tunstall**

Tunstall is a leading provider of remote health monitoring devices and 24/7 communication services to facilitate stronger, more positive relationships between patients, providers, and payers. With our innovative dashboard of connectivity solutions, Tunstall adds a new dimension to the healthcare landscape to enhance care, support independent living, and improve quality of life.

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**e-pill Medication Reminders**

49 Walnut Street, Building 4
Wellesley, MA 02481, USA

1-800-549-0095  www.epill.com
MedSmart features and benefits for ease of use

1. Large digital display and programming buttons
   MedSmart’s clear display provides time, date, next alarm, and doses left information. Easy access keypad makes programming quick and simple.

2. Early Dose button
   Perfect for individuals with more active lifestyles, doses can be accessed early so they can be taken while not at home. Based upon client need, the early dose button may be hidden to control medication misuse.

3. Easy fill med-trays with lid
   MedSmart comes with two (2) removable Med-Trays that can be filled remotely by a pharmacist, caregiver, or health care provider. Trays can be stored on or off-site to control and expedite refill.

4. Sturdy lock
   MedSmart can be locked to prevent system tampering and medication misuse.

5. Home powered docking base with back-up battery
   MedSmart comes with a convenient docking base which provides power to the unit and serves as the gateway to upload information to the data center in the event reporting version. MedSmart operates on AC power when in the docking base and battery power when in transit or in the event of a power outage.

6. Audio and visual reminder alarms
   MedSmart can be programmed from one to six times per day to prompt the user to take their pills.

7. Loading disk guides
   Disk guides easily fit over the tray to simplify refill.

8. On-the-go pill box
   A portable pill box is provided to carry early doses.

MedSmart makes the connection (SKU 994019)

Free Event Reporting and Notification by Tunstall (SKU 994019 only)
Medication adherence is becoming increasingly more difficult for the average individual. With MedSmart’s innovative event reporting and notification option, family, caregivers, and healthcare professionals can proactively support independent living.

How this e-pill works
MedSmart’s docking base serves as the gateway for remote programming and event reporting. When connected to an active phone line, MedSmart transmits device and dispensing history to a secure website for review by authorized individuals.

Through a personalized notification system, alerts can be sent to track adherence, address dosing errors, and predict refill requirements.

Remote programming
MedSmart can be remotely programmed by the Activation Center to automate set-up and accommodate programming changes.

Help/refill request button
When pressed, a signal is sent to the Data Center and a help notification is sent to the designated recipient.

Alerts and notifications
Alert notifications are sent out by the Data Center’s reporting server in three different formats:
1. Email message
2. SMS cell phone text message
3. IVR automated voice telephone message plus, on-line access

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On-line dispensing history summary

User: Mary Smith
Report Period: 1/15/09 to 2/15/09
Total Doses for Period: 90

<table>
<thead>
<tr>
<th>Alarm Time</th>
<th>On-Time Dose</th>
<th>Late Dose</th>
<th>Missed Dose</th>
<th>Early Dose</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:00am</td>
<td>22</td>
<td>4</td>
<td>2</td>
<td>2</td>
</tr>
<tr>
<td>2:00pm</td>
<td>18</td>
<td>2</td>
<td>0</td>
<td>10</td>
</tr>
<tr>
<td>8:30pm</td>
<td>23</td>
<td>2</td>
<td>0</td>
<td>1</td>
</tr>
<tr>
<td>Total</td>
<td>63</td>
<td>8</td>
<td>6</td>
<td>13</td>
</tr>
</tbody>
</table>

Compliance: 79% 8.9% 6.7% 14.4%

Immediate alert events
These events are urgent in nature requiring immediate notification.

- Missed dose – If a scheduled dose has not been removed from the dispenser within 60 minutes of the alarm time, an alert will be immediately sent.

- Help/refill – The help/refill button has been pressed on the Docking Base.

- Machine error – The dispenser has experienced a mechanical malfunction.

Next day alert events
These are less urgent events that are uploaded once per day overnight and sent to recipients the next day.

- Tray low/refill reminder – The number of remaining doses has reached the established threshold.

- Low battery – The dispenser’s internal batteries are weak and need to be replaced.

- No device call-in – The Docking Base has not communicated with the Data Center within a designated time frame.

- No new data – Informs recipient(s) that the dispensing unit has not been docked since the previous days upload.

1-800-549-0095 www.epill.com