



Medview Systems

Patient Education for Homecare

Data Analytics

2023 Homecare Patient Education

I am pleased to present the year-end report for MedView Systems' Online Patient Education. This report highlights patient information and educational needs about “prescribed” home medical devices and therapies. Hopefully, this data analysis of 2023 patient education utilization will be useful to homecare providers, hospital discharge planners and patient care service organizations.

In 2023, MedView Systems continued our mission to support homecare patients by delivering over 150,000+ critical and timely instruction resources that bridge the gap between healthcare providers and home bound patients, enabling improved outcomes with greater patient compliance.

Key Achievements:

- **Expanded Content Library:** We significantly expanded our content library, adding new medical devices and therapies covering a wide range of homecare modalities.
- **Increase Utilization:** We experienced significant increases in categories (5) of medical devices and therapies and 20 of 29 subcategories.
- **Direct Patient Services:** We forged strategic partnerships with leading healthcare service providers to further our impact on the homecare patient needs.
- **Technical Upgrades:** Keeping our platform up to date with the latest technological advancements required significant resources and effort.
- **Enhanced User Experience:** We focused on enhancing the user experience of our platform, making it more intuitive and accessible. Mobile friendly and easy search capabilities resulted in improved engagement and satisfaction among users.

Future Outlook:

Looking ahead, we are optimistic about the future of MedView Systems' Online Patient Education. We remain committed to continuous improvement and innovation, with a focus on:

- **Enhancing Content:** Our goal is to use AI, LLM, text-to-speech and translation capabilities, ensuring that it remains relevant and valuable to our users.
- **Improving User Engagement:** We will focus on improving user engagement through video enhancements, patient education assignment and provider interaction.
- **Expanding Reach:** We will continue to seek partnering opportunities with more healthcare organizations and integrating our platform into existing healthcare systems.

The past year MedView Systems' Online Patient Education has experienced a significant increase in instruction utilization, 15.8% (129,954 in '22, 150,479 in'23) of homecare devices and therapies.

We are committed to enhancing patient care through innovative educational solutions.

Sincerely,

H. Dwight Hunsberger,
Founder MedView Systems, Inc.

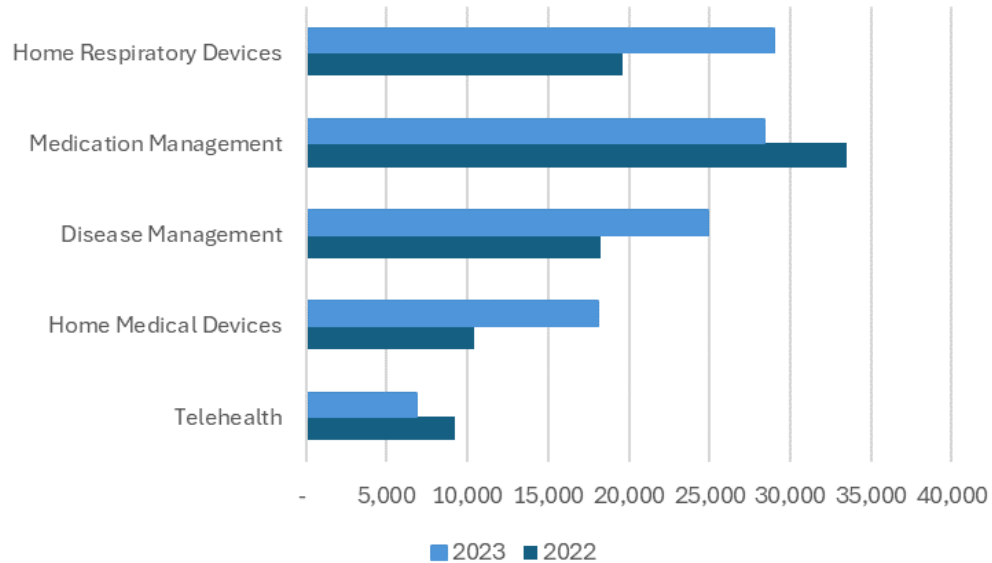
Table of Contents

- Key Achievements:2
- Future Outlook:2
- Instructions Delivered in 20234
 - Instructions Viewed by Categories (5) Homecare Devices & Therapies4
 - Category Highlights4
 - Patient Visits MedView’s Website in 2023 (monthly)5
 - Instructions by Subcategories (29)6
 - Most Visited Instructions by Subcategories7
 - Top Individual Instructions Viewed (top 30).....8
 - Instructions Viewed by Time of Day.....9
 - MVS Instructions by Countries.....9
- Data Analytics Sources..... 10
 - Instruction Content..... 10



Instructions Delivered in 2023

Viewed by Categories (5) Homecare Devices & Therapies



Category Highlights

Home Respiratory Device instructions increased **47%** from 2022 to 2023.

Notable top devices:

1. Power Neb Ultra Nebulizer Drive
2. Fisher Paykel Icon CPAP Machine
3. Remstar Plus C Flex by Philips Respironics
4. Pari Vios Nebulizer
5. Philips Respironics Trilogy 100 Ventilator
6. Innospire Essence Nebulizer Compressor
7. Penguin Pediatric Nebulizer by Drive Medical
8. Sportneb2 Nebulizer Drive

Home Medical Equipment instructions increased **74%** from 2022 to 2023.

Notable top devices:

1. Medline Basic Semi Electric Bed
2. Invacare G Series Bed
3. Clinitron Air Fluidized Therapy Bed
4. Hill Rom Envision
5. Hill Rom Synergy Air Elite
6. Automated External Defibrillator AED
7. Span America Encore

Category Highlights (continued)

Disease Management instructions increased **38%** from 2022 to 2023.

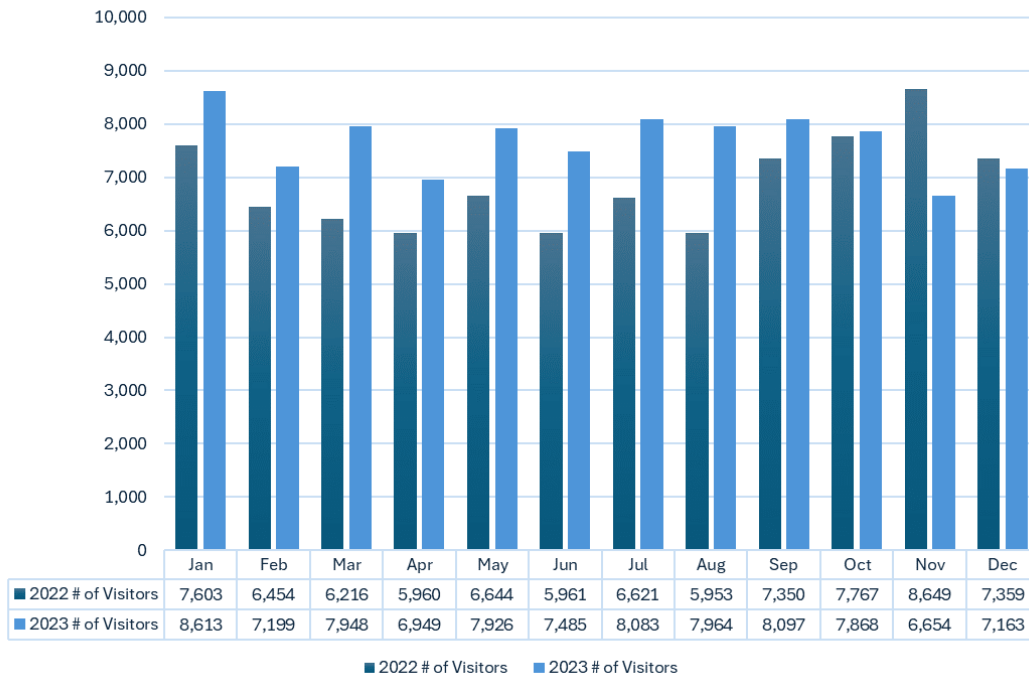
Notable top instructions:

1. Freestyle Lite Monitor
2. Mystim Programmer
3. Aerochamber Plus Z
4. Medela Invia Liberty
5. Freestyle Libre 14 Day Sensor
6. Scig60 Infuser System
7. Accu Chek Accu Chek
8. Crono Super Pid Pump Subcutaneous
9. Accu Chek Aviva Connect Glucometer

Patient Visits MedView's Website in 2023 (monthly)

Total patient visits to MedView in 2023 was 91,949 a 11.4% increase from 2022 (82,536). The greatest months were January (8,613), September (8,097) and July (8,083). The lowest month for visitors was November (6,654). The average numbers of visitors per month increased from 2022 (6,878) to 2023 (7,662) and 11.4% increase.

MVS Website Visitors



Instructions by Subcategories (29)

Instruction Subcategories	2022	2023	% Diff
Home Medical Equipment	10,423	18,119	74%
AED	403	542	34%
Bath	625	649	4%
Beds	3,196	6,888	116%
Devices	1,013	798	-21%
Scooters	567	1,119	97%
Support Surfaces	2,101	3,240	54%
Walkers	1,662	3,432	106%
Wheelchairs	856	1,451	70%
Disease Management	18,290	24,907	36%
Antibiotics	1,192	920	-23%
Asthma Allergy	1,456	1,935	33%
Glucose Monitor	10,721	15,667	46%
Hemodialysis	608	643	6%
Immune Deficiency	1,831	2,084	14%
Pain Management	778	1,310	68%
Wound Care	1,704	2,348	38%
Medication Management	33,496	28,400	-15%
Catheters	17,981	10,398	-42%
Enteral Feeding	2,383	3,302	39%
IV Pumps	8,459	10,392	23%
Medication Preparation	3,082	2,654	-14%
Nutrition	1,122	1,091	-3%
Subcutaneous pumps	469	563	20%
Home Respiratory Devices	19,651	28,942	47%
CPAP	5,510	8,843	60%
Home Sleep	450	631	40%
Nebulizer	6,539	9,593	47%
Non-invasive Vent	1,946	1,889	-3%
O2 Conc Stationary	3,052	4,856	59%
O2 Conc. Portable	2,154	3,130	45%
Telehealth Services and RPM	9,250	6,867	-26%
Remote Patient Monitor	8,082	5,350	-34%
Telemedicine	1,168	1,517	30%

Notable Subcategory changes:

1. Glucose monitors, CGM - 46% increase.
2. Nebulizers - 47% and CPAP - 60% increases.
3. Bed assemblies - 116% and support surfaces - 54% increases.
4. O2 Concentrators – Stationary & Portable 58% combined increase
5. Catheter management - 42% decrease.
6. Telehealth RPM – 34% decrease.

Most Visited Instructions by Subcategories

Rank	Instructions	2022	2023	% Diff
1	Glucose Monitors	10,721	15,667	46%
2	Catheters	17,981	10,398	-42%
3	IV Pumps	8,459	10,392	23%
4	Nebulizer	6,539	9,593	47%
5	CPAP	5,510	8,843	60%
6	Beds	3,196	6,888	116%
7	Remote Patient Monitor	8,082	5,350	-34%
8	O2 Conc Stationary	3,052	4,856	59%
9	Walkers	1,662	3,432	106%
10	Enteral Feeding	2,383	3,302	39%
11	Support Surfaces	2,101	3,240	54%
12	O2 Conc. Portable	2,154	3,130	45%
13	Medication Preparation	3,082	2,654	-14%
14	Wound Care	1,704	2,348	38%
15	Immune Deficiency	1,831	2,084	14%
16	Asthma Allergy	1,456	1,935	33%
17	Non-invasive Vent	1,946	1,889	-3%
18	Telemedicine	1,168	1,517	30%
19	Wheelchairs	856	1,451	70%
20	Pain Management	778	1,310	68%
	Other Categories	45,293	50,200	11%
	Grand Total	129,954	150,479	16%

Notable Subcategories most visited:

1. Glucose monitor - 46% increase, 10.4% of total visits.
2. Catheter Management - 42% decrease, 6.9% of total visits.
3. IV Pumps – 23% increase, 6.9% of total visits.
4. Nebulizers – 47% increase, 6.3% of total visits.
5. CPAP – 60% increase, 5.8% of total visits.

Top Individual Instructions Viewed (top 30)

Rank	Instructions	2022	2023	% Diff
1	Freestyle Lite	5,524	7,295	32%
2	Flushing A Port A Cath	2,748	2,862	4%
3	Medline Basic Semi Electric Bed	835	2,221	166%
4	Picc Line Dressing Change With Biopatch	1,062	2,205	108%
5	Dressing Change Flush Port A Cath	2,733	2,132	-22%
6	Basic Steel Rollator Medline	1,113	2,083	87%
7	Salter Aire Elite Compressor	2,047	2,068	1%
8	Invacare G Series Bed	275	1,810	558%
9	Iv Piggy Back Procedure	1,968	1,638	-17%
10	Power Neb Ultra Nebulizer Drive	542	1,334	146%
11	Fisher Paykel Icon Cpap Machine	580	1,263	118%
12	Remstar Plus C Flex By Philips Respironics	499	1,210	142%
13	Pari Vios Nebulizer	544	1,138	109%
14	Clinitron Air Fluidized Therapy Bed	947	1,129	19%
15	Flocare Infinity Enteral Feeding Pump	246	1,041	323%
16	Scs Mystim Programmer Basics Video	554	1,034	87%
17	Sapphire Pump Infusion Pump	1,139	1,028	-10%
18	Medtronics Synchromed Ii Pump	513	856	67%
19	Cadd Prizm Pump Medication Administration	382	848	122%
20	Picc Line Blood Draw	954	829	-13%
21	Central Line Or Picc Line Dressing Change	540	793	47%
22	Philips Respironics Trilogy 100 Ventilator	762	784	3%
23	Microletnext Lancing Device Bayer	458	755	65%
24	Alaris Iv Pump	576	730	27%
25	Aerochamber Plus Z Stat Holding Chamber	596	720	21%
26	Medela Invia Liberty Product Education	741	694	-6%
27	Innospire Essence Nebulizer Compressor	444	682	54%
28	Penguin Pediatric Nebulizer By Drive Medical	385	670	74%
29	Sportneb2 Nebulizer Drive	450	665	48%
30	Cadd Solis Ambulatory Infusion Pump	314	657	109%

Notable Instructions by device or therapy:

6. Freestyle Lite Glucose monitor - 32% increase.
7. PICC line Biopatch – 108% increase.
8. Medline basic bed assembly – 166% increase and Invacare bed 558% increase.
9. Remstar Respironics CPCP – 142% increase.
10. Florcare Infinity Pump - 323% increase.
11. CADD Prizm Pump – 122% increase.

Instructions Viewed by Time of Day

Hours	Viewed	
	Instructions	%
12:00 AM	4,002	3%
1:00 AM	4,580	3%
2:00 AM	4,615	3%
3:00 AM	5,221	3%
4:00 AM	4,771	3%
5:00 AM	4,926	3%
6:00 AM	5,677	4%
7:00 AM	6,100	4%
8:00 AM	6,736	4%
9:00 AM	8,012	5%
10:00 AM	7,349	5%
11:00 AM	7,769	5%
12:00 PM	8,345	6%
1:00 PM	9,931	7%
2:00 PM	9,319	6%
3:00 PM	7,377	5%
4:00 PM	6,665	4%
5:00 PM	6,723	4%
6:00 PM	6,460	4%
7:00 PM	5,900	4%
8:00 PM	5,216	3%
9:00 PM	5,042	3%
10:00 PM	5,194	3%
11:00 PM	4,555	3%
Total	150,479	

MVS Instructions by Countries

Rank	Countries	Instructions
1	United States	99,402
2	Great Britain	10,163
3	Canada	7,036
4	Germany	5,796
5	India	5,364
6	China	4,133
7	Russian Federation	2,125
8	Poland	2,106
9	Czech Republic	1,905
10	Australia	1,765
11	France	1,398
12	Israel	1,054
13	Ukraine	1,003
14	Sweden	986
15	Greece	824
16	Saudi Arabia	793
17	Netherlands	682
18	Philippines	626
19	Romania	604
20	Brazil	497
21	Iran	487
22	New Zealand	457
23	Indonesia	455
24	Italy	429
25	Japan	391
	Total	150,479

Data Analytics Sources

This report contains 2023 “anonymous patient data” analysis of instructions viewed by homecare patients. There are 5 general categories (sets of instructions) and 29 sub-categories:

- Respiratory Devices
- Home Medical Equipment
- Disease Management
- Medication Management
- Telehealth/RPM Services

Instruction Content

All content for the instructions of home medical devices, were supplied by the manufacturers and suppliers. The procedural instructions (ex. PICC, IV, sub-q administration and wound care, etc.) were supplied by various homecare providers, related homecare industry associations and the CDC.

Google Analytics, Alphabet Corporation

AW Stats Inc.

JustHost Internet Service provider

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