# **Flyte** Health

Obesity care that **empowers you**.

PREPARED FOR:

The State of Connecticut

PRESENTED BY:

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### **Reporting Sections**

Report provides an updated analysis on data collected from: July 1, 2023 – Jan 31, 2025.



# Section 1

### **Awareness**

#### **36.2% Patient Application Conversion**



#### **Highlights:**

- **High Application Volume** 11,613 applications were submitted, reinforcing strong interest in the program.
- Strong Awareness Performance FlyteHealth achieved a 36.2% Patient Application Conversion Rate, showing effective engagement with visitors.
- Significant Traffic Growth The site saw 46,838 total views and 32,081 unique users, with a notable traffic spike in early 2024.



### **Enrollment**

#### 97.7% Patient Enrollment Conversion



Eligibility Under Review 4 Ineligible 94 Opted Out 91

#### **Highlights:**

- Exceptional Conversion Rate With a 97.7% patient enrollment conversion, nearly all applicants who applied (11,613) successfully enrolled (11,345), demonstrating a highly efficient eligibility and onboarding process.
- Sustained Enrollment Growth Enrollment numbers have shown steady growth over time, peaking in May 2024 with 1,127 enrollments, likely reflecting successful marketing efforts, increased awareness, or seasonal trends in patient interest.



Applicant Demographics 47 Average Age



Average Self-Reported Baseline Weight 223.5 lbs

Average Self-Reported Baseline BMI 36.3

\*As of 1/31/2025 based on available self-reported, demographic data \*\* Note: Sex at birth or Gender is not required at the time of application





### **Applicant Demographics**



#### Ethnicity





BMI



\*As of 1/31/2025 based on available self-reported, demographic data

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### **Path to First Appointment**





### **App Activity**

#### Notable Highlights:

- High Engagement Over 740K food log events and 60K physical activity events
- Device Usage 454K scale readings and 107K BP readings show active tracking of health metrics.
- **Most Active BMI Groups** Users with a BMI of 30-39.9 logged the most food and exercise entries, reflecting high engagement in weight management efforts.











0.2

0

0.4

0.6

0.8

Years

1

### **Assigned SoCT FlyteHealth Medical Team**



1.2



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\*As of 1/31/25

1.6

1.8

1.4

### **Patient Care Experiences**

#### **Common Presentation Themes**

#### Inappropriate Prescriptions

Examples: Compounded Semaglutide/Tirzepatide

(despite FDA warning), inappropriate medication dose adjustments/titration (e.g. forced titration schedules without assessing for tolerability and side effects)

#### Safety Concerns

*Examples:* Prescribing GLP-1s for individuals with alcohol dependence and/or heavy alcohol consumption, history of pancreatitis, compounded Semaglutide/Tirzepatide with added ingredients and impurities

#### Unaddressed Needs

*Examples:* Lack of counseling provided by prescribers regarding medication use/administration, common side effects, lifestyle (dietary, physical activity, behavioral) modification.

#### Missed Diagnoses

*Examples:* Medication-induced weight gain due to obesogenic agents (e.g. hypertension, depression, diabetes), obstructive sleep apnea, hypothyroidism, hypertension, anxiety/depression, vitamin deficiencies



### **FlyteHealth Engagement**



\*Over the last 12 months \*\*As of 1/32/25





### Section 2

#### **Clinical Outcomes**

- This report will provide an analysis of clinical data collected from July 1, 2023 – January 31, 2025, to account for rolling enrollment
- Of note, labs are not required at 3, 6, 9 months as part of the Flyte program.



### **Patients Enrolled in the Flyte Medical Program**

From July 1, 2023 – Jan 31, 2025, 7,078 engaged patients were scheduled with a Flyte provider

While 38.8% of patients have been in the program at least 12 months, Only 9.5% of patients have been in the program at least 18 months or more.



Months enrolled in the program

### Weight & BMI

#### Average BMI

At enrollment, for patients with appointments

# 37.15

% of Patients with BMI 30-34.9 32.9%

n=7869 PATIENTS

% of Patients with **BMI**  $\geq$  35 55.7%

#### Change in Weight by BMI

For patients who have been enrolled  $\geq$  18 months and have data available



#### **BMI Classification**

Normal BMI:	18.5-24.9
Overweight:	25-29.9
Class I Obesity:	30-34.9
Class II Obesity:	35-39.9
Class III Obesity	: <u>&gt;</u> 40

n=337 PATIENTS



### Weight Loss & Medication

#### Patients on a GLP-1 vs Non GLP-1 AOMs

For patients who have been enrolled  $\geq$  18 months, weight data is available, and were *prescribed* a medication by a Flyte Provider



n=332 PATIENTS

\*A large subset of patients in this cohort were already on a GLP-1 and had experienced weight loss prior to Flyte program enrollment.



### **Blood Pressure**

#### **Average Blood Pressure**

At enrollment, for patients with appointments

<b>131.82</b> <sub>Systolic</sub>			
83.19 Diasto	DIIC n=5476 PATENTS		
% of Patients with <b>Systolic BP≥120</b>	71.9%		
% of Patients with <b>Systolic BP≥130</b>	<b>49.8</b> %		
% of Patients with <b>Systolic BP≥140</b>	<b>28.7</b> %		
% of Patients with <b>Diastolic BP≥80</b>	61.14%		
% of Patients with <b>Diastolic BP <math>\geq</math> 90</b>	26.8%		

BLOOD PRESSURE CATEGORY	SYSTOLIC mm Hg (upper number)		DIASTOLIC mm Hg (lower number)
NORMAL	LESS THAN 120	and	LESS THAN 80
ELEVATED	120 - 129	and	LESS THAN 80
HIGH BLOOD PRESSURE (HYPERTENSION) STAGE 1	130 - 139	or	80 - 89
HIGH BLOOD PRESSURE (HYPERTENSION) STAGE 2	140 OR HIGHER	or	90 OR HIGHER
HYPERTENSIVE CRISIS (consult your doctor immediately)	HIGHER THAN 180	and/or	HIGHER THAN 120

#### Change in Blood Pressure by BMI

For patients who have been enrolled  $\geq$  12 months and have data available









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### HbA1c

#### Average HbA1c

At enrollment, for all patients with appointments

HbA1c Reference Range

Pre-diabetes: 5.7-6.4%

< 5.6%

> 6.5%

n=5796 PATIENTS

Normal:

Diabetes:

# 5.52%

#### Change in HbA1c by BMI

\*For patients who have been enrolled  $\geq$  12 months and have labs available



% of Patients with Elevated HbA1c > 5.7% 17.1%

> Key Improvements in Patients with Elevated HbA1c >5.7%



• A subset of patients in this cohort were already on a GLP-1 and other AOMs and had experienced HbA1c reduction prior to Flyte program enrollment.

n=84 PATIENTS



### Glucose

#### Average Glucose

At enrollment, for patients with appointments

93.9 mg/dL



\*For patients who have been enrolled ≥ 12 months and have labs available



% of Patients with Elevated Glucose > 100 21.8%

> Key Improvements in Patients with elevated glucose >100



n=5955 PATIENTS

17.6%

n=508 PATIENTS

n=111 PATIENTS

• A subset of patients in this cohort were already on a GLP-1 and other AOMs and had experienced HbA1c reduction prior to Flyte program enrollment.



### **LDL Cholesterol**

Average LDL

At enrollment, for patients with appointments

114.2 mg/dL

#### LDL Cholesterol Reference Range

Optimal:	<100
Above Optimal:	100-129
Mildly Elevated:	130-159
Moderately Elevated:	160-189
Very Elevated:	<u>&gt;</u> 190

n=5864 PATIENTS

#### Change in LDL "Bad" Cholesterol by BMI

\*For patients who have been enrolled  $\geq$  12 months and have labs available



% of Patients with Elevated LDL Cholesterol > 130 29.0%

Key Improvements in Patients with elevated LDL Cholesterol >130

13.5%

n=144 PATIENTS

\*As of 1/31/25

n=496 PATIENTS



### **Triglycerides**

#### Average Triglycerides

At enrollment, for patients with appointments

### $120.95 \text{ }_{\text{mg/dL}}$



**Triglycerides Reference** 

Elevated: > 150

#### Change in Triglycerides by BMI

\*For patients who have been enrolled  $\geq$  12 months and have labs available



% of Patients with Elevated Triglycerides > 150 27.8%

> Key Improvements in Patients with Elevated Triglycerides >150

23.6%

n=5963 PATIENTS

n=497 PATIENTS

n=138 PATIENTS



## **Discussion and Questions**

### **Patient Spotlight**

56F with class II obesity, insulin resistance, hypertension, mixed hyperlipidemia, glaucoma, insomnia, chronic back pain related to hx spinal fracture.

Initial appointment		2nd appointment	3rd appointment
4/15/24 - started metformin	024 8:10 AM 200.3 LBS	6/3/24 - continued	
XR		metformin	8/28/24
		XR, added	Increased
		bupropion.	metformin &
		Discussed low dose	bupropion. Pain
		naltrexone	management
		(LDN)	added LDN
Apr 1 Apr 15	Apr 29 May 20	Jun 3 Jun 17 Jul	15 Aug 12 Oct 21 F
200.3 LBS	158.5 LBS	• -41.8 LBS	Ar
Baseline Wt. 04/15/2024	Last Wt. 02/18/2025	Wt. Change (LBS)∨	

#### First Appointment 4/15/24

- Weight at enrollment: 200.3 lbs (BMI 31.4)
- Lifetime highest weight: 225 lbs (BMI 35.2) ٠
- Most recent weight: 158.5 lbs (BMI 24.8) ٠
- Total weight loss from highest: 66.5 lbs (29.6%) ٠
- Total weight loss with Flyte: 41.8 lbs (20.9%) ٠
- Quality of life improved! Improved mobility, energy and mood. Pain control also improved significantly.

#### **Testimonial**

"I felt like I was doing everything right but not seeing any results until I joined Flyte."





**Fivte**Hea

### **Key Take Aways**

#### Strong Program Engagement & Growth

- High awareness and application rates indicate strong interest.
- 97.7% enrollment conversion reflects an efficient onboarding process.
- Significant traffic growth in early 2024

#### **Effective Weight Management Outcomes**

- Patients with BMI >35 saw 18.4% weight reduction at 18+ months.
- Weight loss was highest among GLP-1 users (up to 19.7%), while non-GLP-1 AOM users still achieved up to 10.3% loss.
- Most active BMI group (30-39.9) logged the most food and exercise events, reinforcing engagement in weight management.

#### **Improved Clinical Biomarkers**

- HbA1c reduced by 5.1% in patients with elevated levels (>5.7%).
- Glucose improved by 17.6% in patients with elevated glucose (>100 mg/dL).
- Blood pressure improvements: 10.1% reduction in systolic and 9.9% in diastolic BP
- LDL cholesterol improved by 13.5% and triglycerides by 23.6%, indicating better lipid management.

#### **Consistently High Patient Engagement & Satisfaction**

- Over 740K food log events and 60K physical activity logs highlight strong app usage.
- 77 NPS score and testimonials indicate high patient satisfaction with providers.
- Patients appreciate comprehensive, compassionate care and thorough provider engagement.

### **Recommendations**

To maximize cost savings and health impact, FlyteHealth should prioritize engagement with employees experiencing:

- Chronic illnesses and metabolic/weight-related conditions (Diabetes, heart disease, hypertension, sleep apnea, fatty liver, osteoarthritis, post-bariatric surgery weight regain)
- Mental health challenges (PTSD, burnout, depression)
- ✓ High ER/hospital use for preventable conditions
- ✓ Workplace injuries & musculoskeletal disorders
- ✓ High rates of prescription medication use

By focusing on these conditions & health events, FlyteHealth can generate the highest financial return for Connecticut's investment, improving both employee health outcomes and cost efficiency.







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