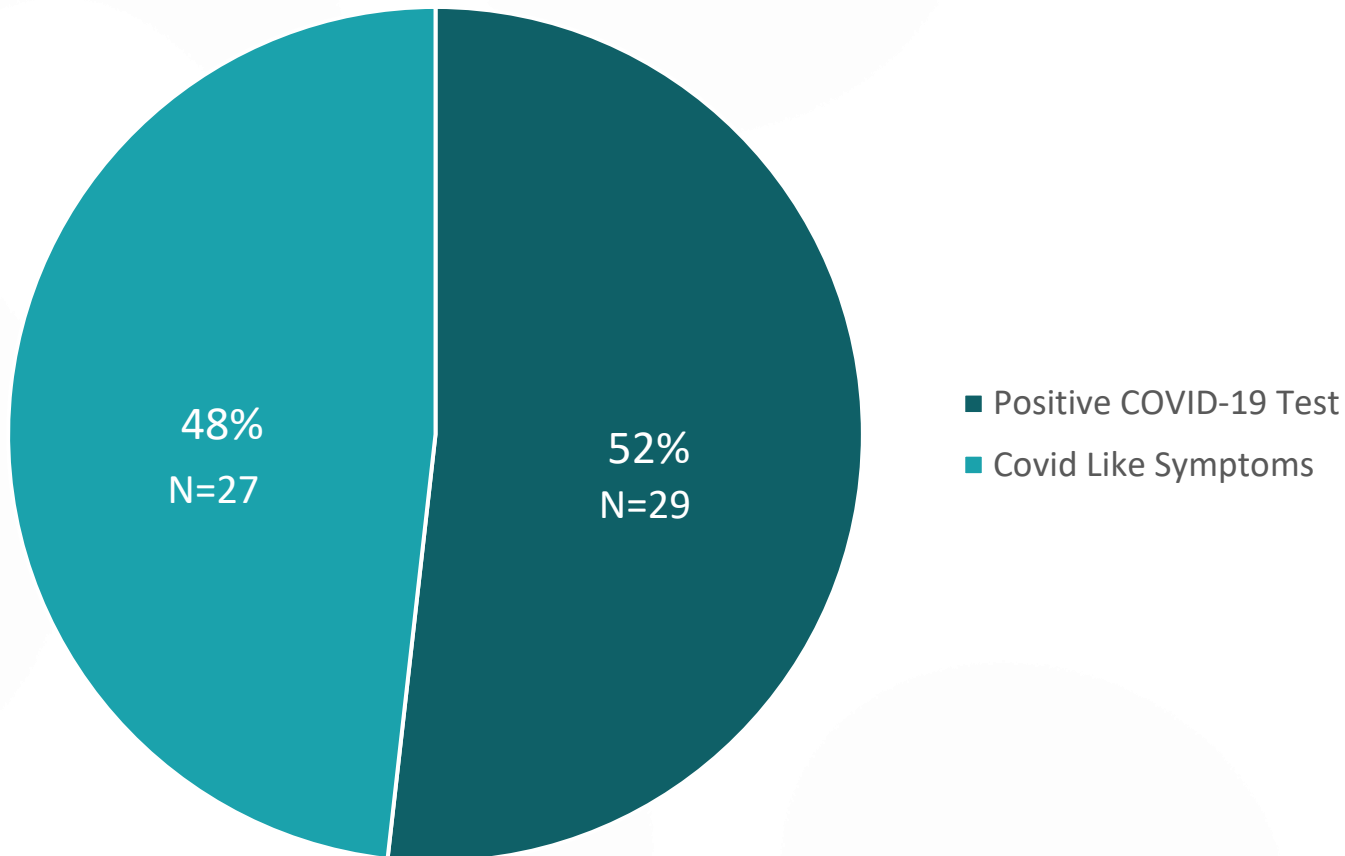




Preliminary data summary for 55 validated cases to be submitted to
the T1D COVID-19/COVID-19 Like Illness Provider Registry
(4/29/2020 Week 3)

Initial Sample Reported in COVID Database Have Confirmed COVID+

Patient COVID Status



Definition for COVID-19 positive case:

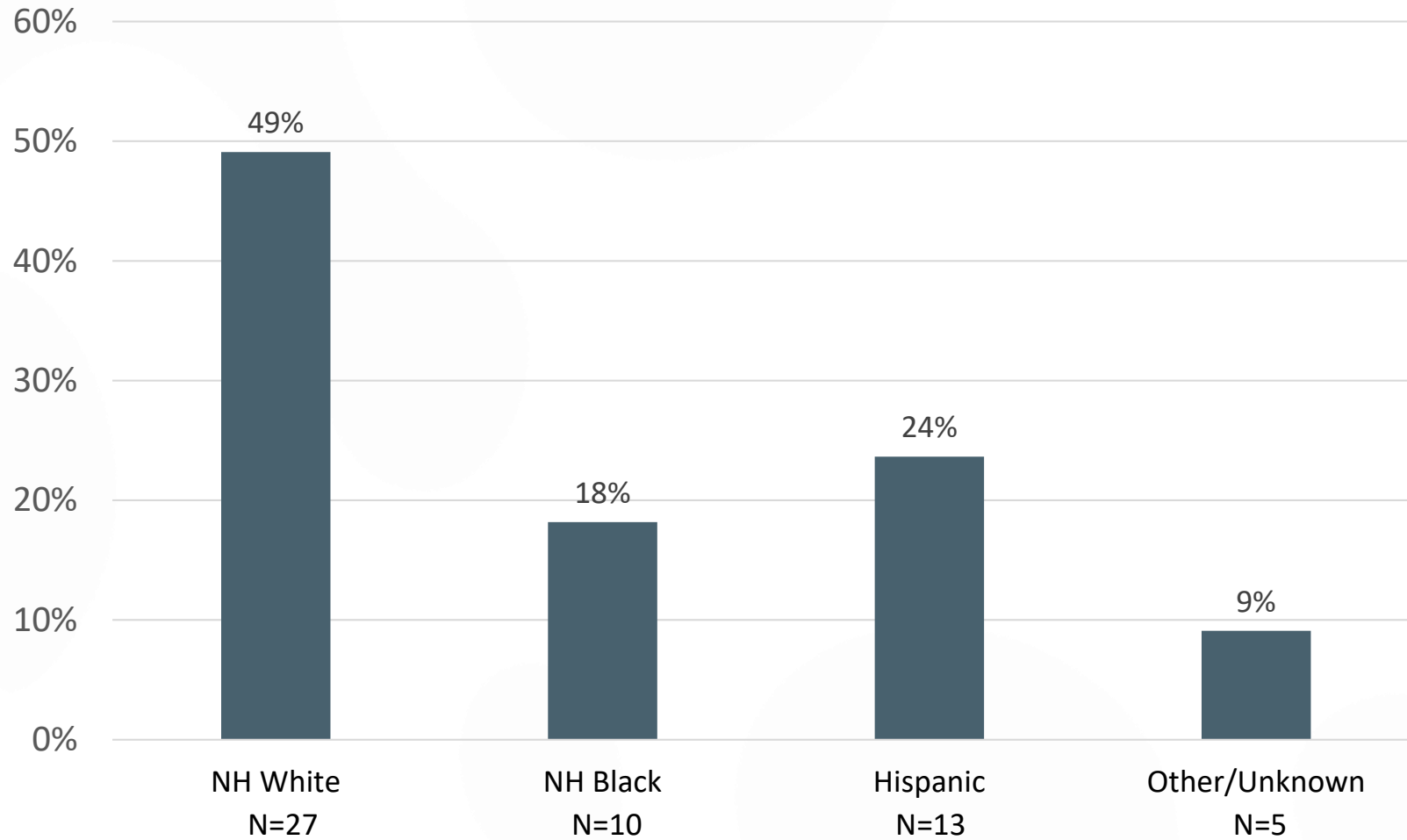
- Patient has tested positive for COVID-19 through either a molecular (polymerase chain reaction (PCR) assay tests of samples collected from nasopharyngeal swabs, throat swabs, sputum, etc.) or serological test (antibody testing).

Definition for COVID-19 like case:

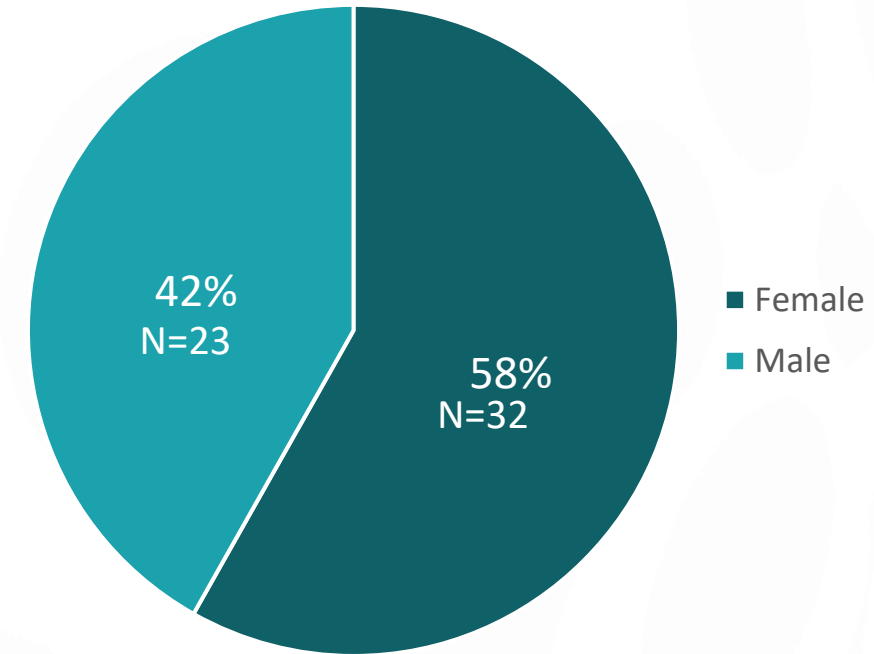
- Patients exhibiting symptom profile of COVID-19 in children:
 - Fever, cough, or shortness of breath (73 %)
 - Fever (56 %)
 - Cough (54 %)
 - Shortness of breath (13 %)
 - Myalgia (23 %)
 - Runny nose (7.2 %)
 - Sore throat (24 %)
 - Headache (28 %)
 - Nausea/Vomiting (11 %)
 - Abdominal pain (5.8 %)
 - Diarrhea (13 %)
- Patients exposed to a confirmed case of COVID-19

Patient Demographics of 55 submitted cases in T1D COVID-19 Database

Race/Ethnicity Distribution



Gender

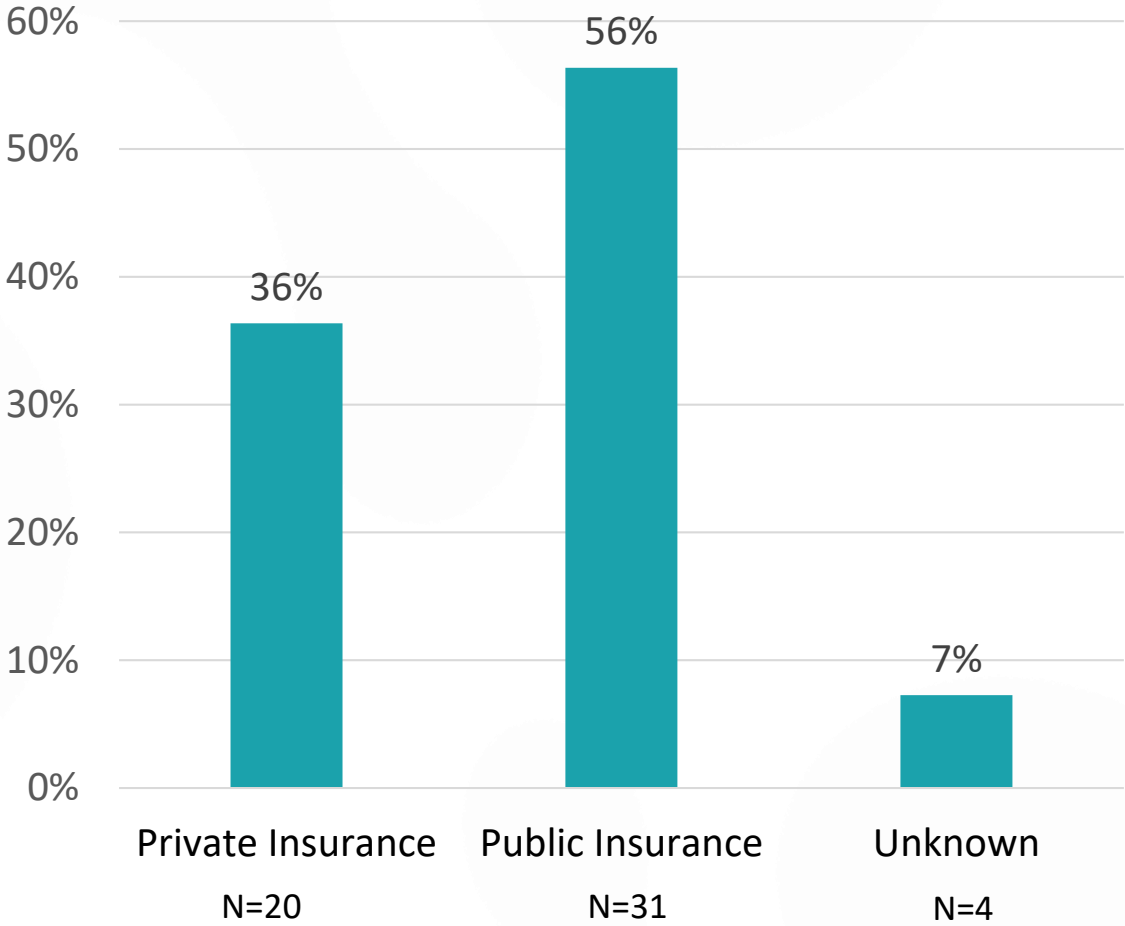


Patient Age and HbA1c of 55 submitted cases in T1D COVID-19 Database

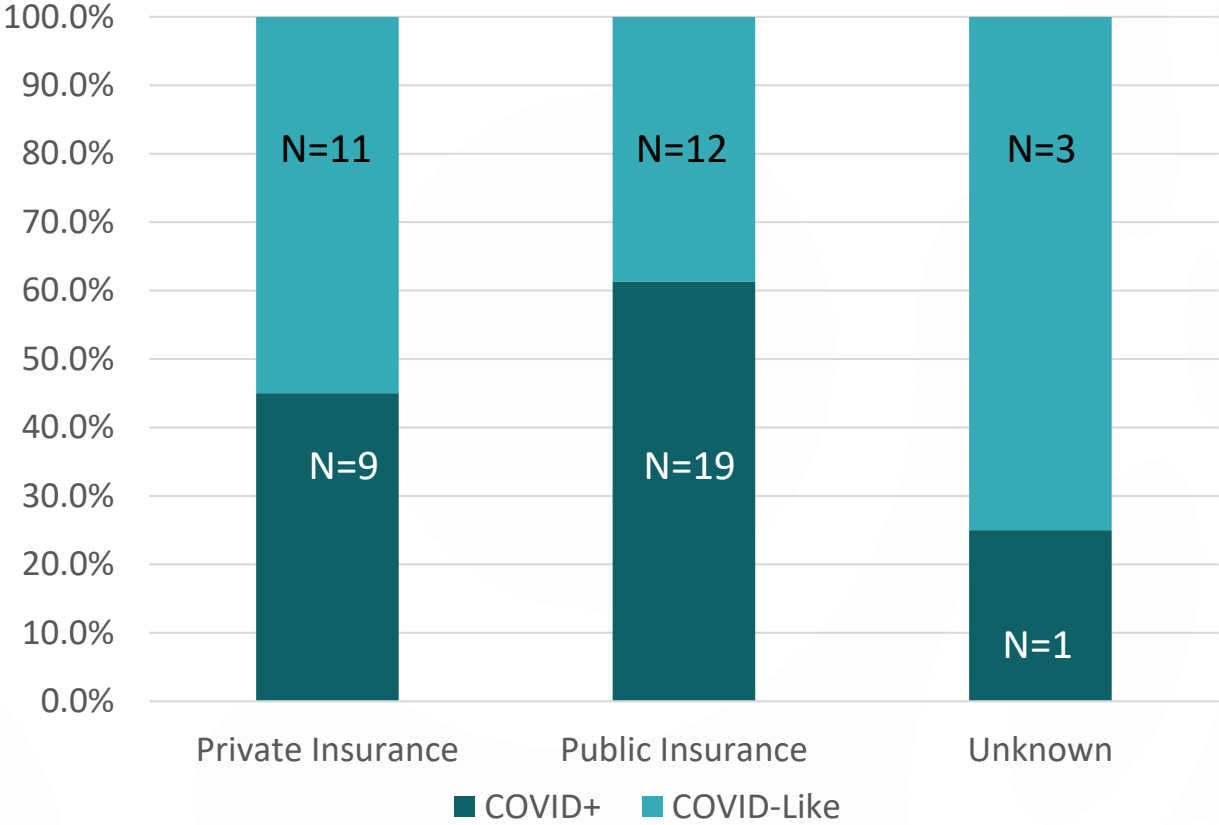
		Mean (SD)	Median	Range	N
Patient Age (Years)		21.72 (15.54)	17.0	6.0 - 79	55
	Pediatric (Under 19)	13.69 (3.57)	14.0	6.0 – 18.0	35
	Adult (Older than 19)	35.8 (15.66)	27.0	19.0 – 79.0	20
Most Recent HbA1C (Percent)		8.90 (2.47)	8.0	5.0 - 17.0	52
	Less than 7%	5.86 (0.38)	6.0	5.0 - 6.0	7
	7% - 9%	7.97 (0.78)	8.0	7.0– 9.0	29
	Greater than 9%	11.91 (1.98)	11.0	9.6 – 17.0	16

Patient Insurance Type

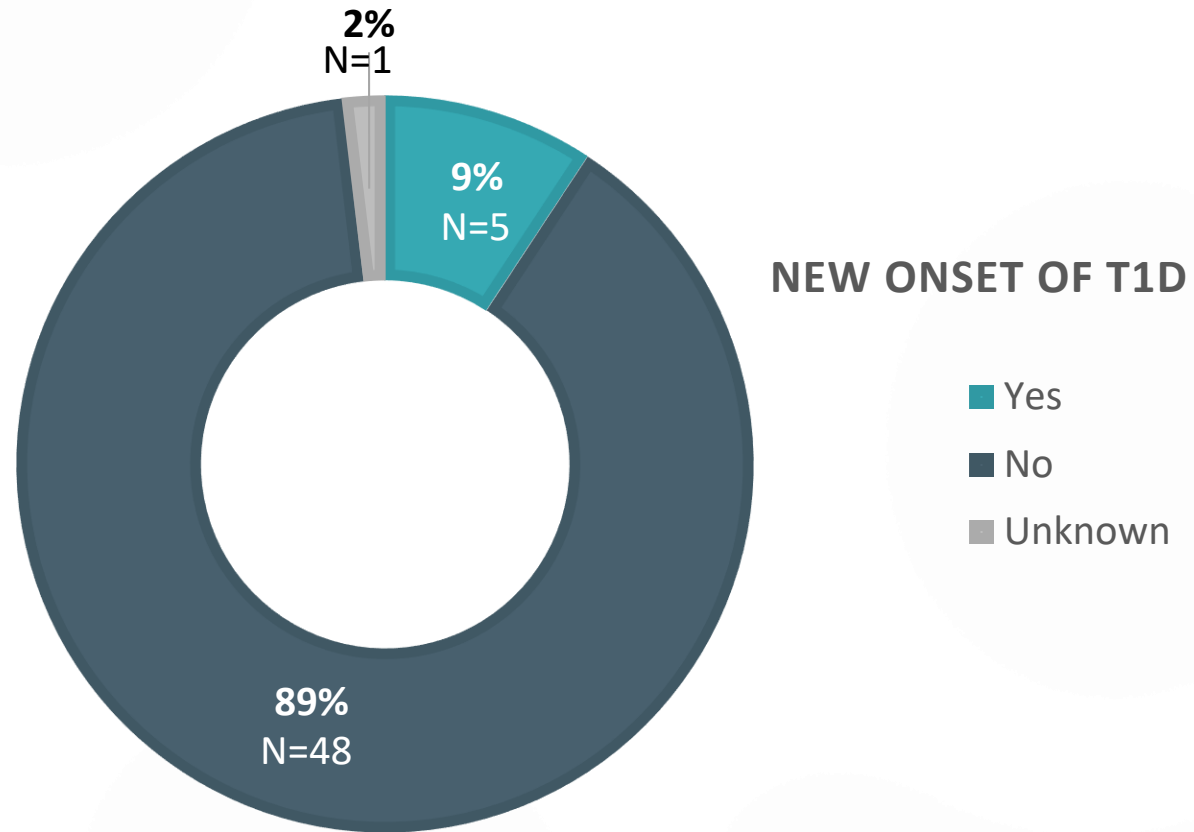
Type of Insurance Provider



COVID Status (Confirmed+ or COVID-like)



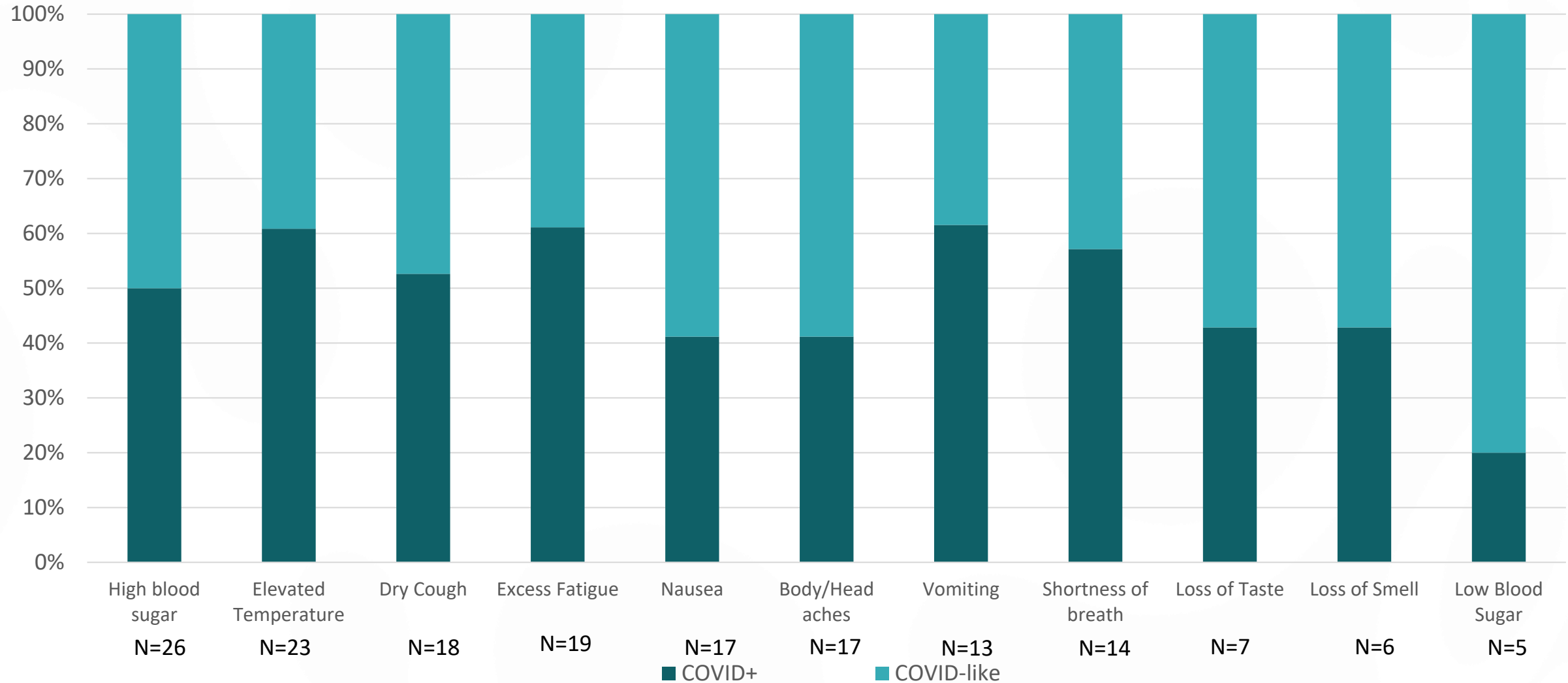
Duration of T1D



COVID+ or COVID Like Disease Patient Symptoms

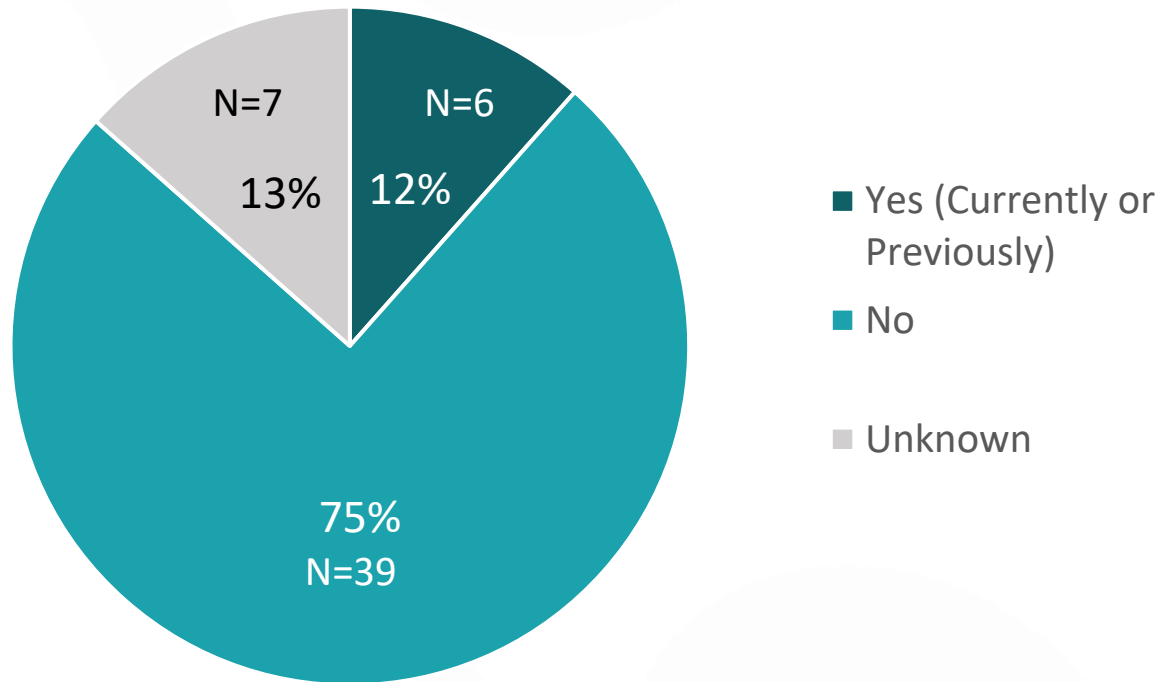
48%	35%	31%	26%		24%			
High blood sugar	Dry Cough	Nausea	Shortness of breath		Vomiting			
43%	33%	31%	13%	9%	7%	7%		
			Loss of taste	Loose Stools	Abdominal pain	Chest pain		
			11%	9%	7%		4%	
Elevated Temperature	Excess Fatigue	Body/Head aches	Loss of Smell	Low Blood Sugar	Chills		Sore throat	
				9%	Poly...	Weight loss	Blurry vision	Nasal congesti...
				DKA	Polyd...	Back pain	Res... Fail...	Pan... Burn... Sens... of Nas...

COVID19+ or COVID19-Like Disease Patient Symptoms By COVID Status

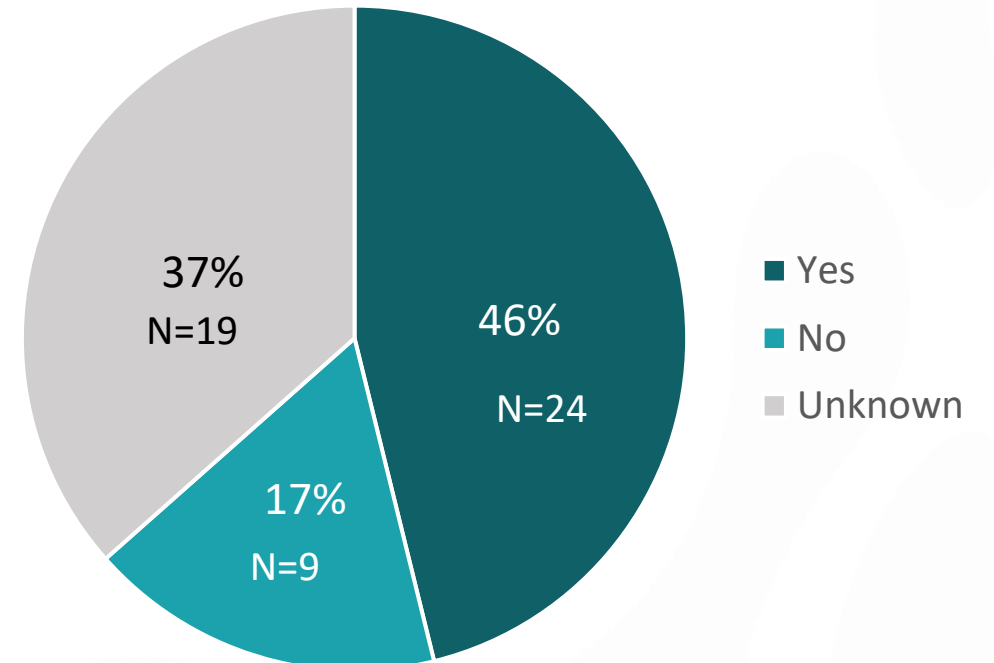


Smoking and Flu Vaccination

Patient Smoking Status

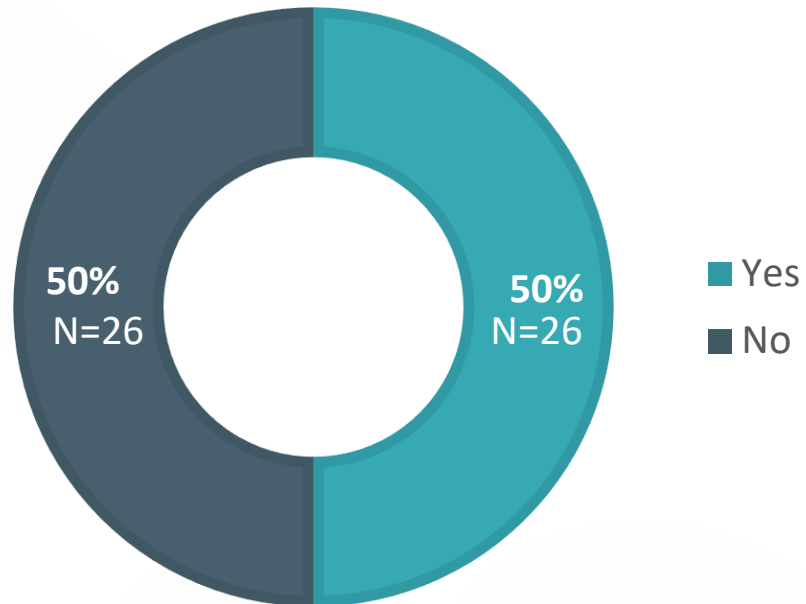


Patient Received Flu Vaccine

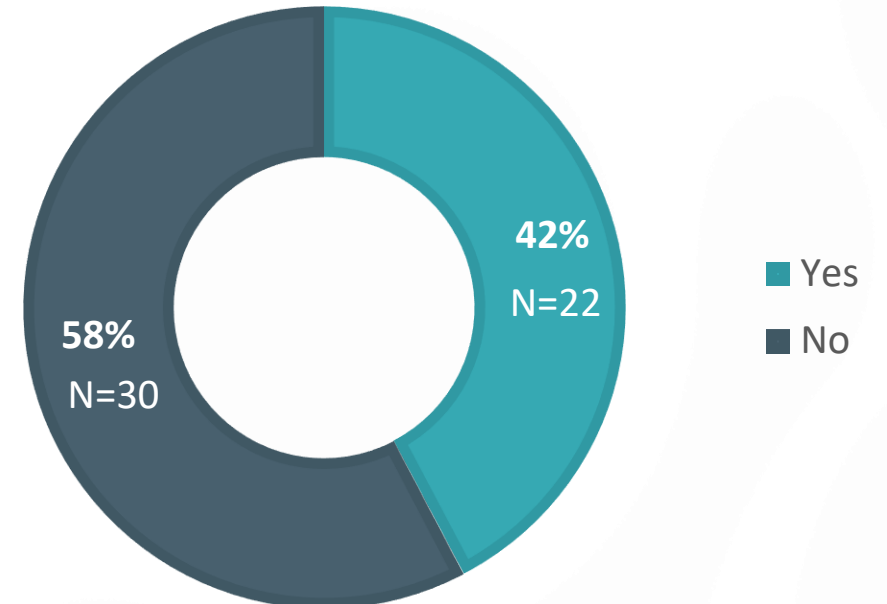


Patient Device Use

CGM USE

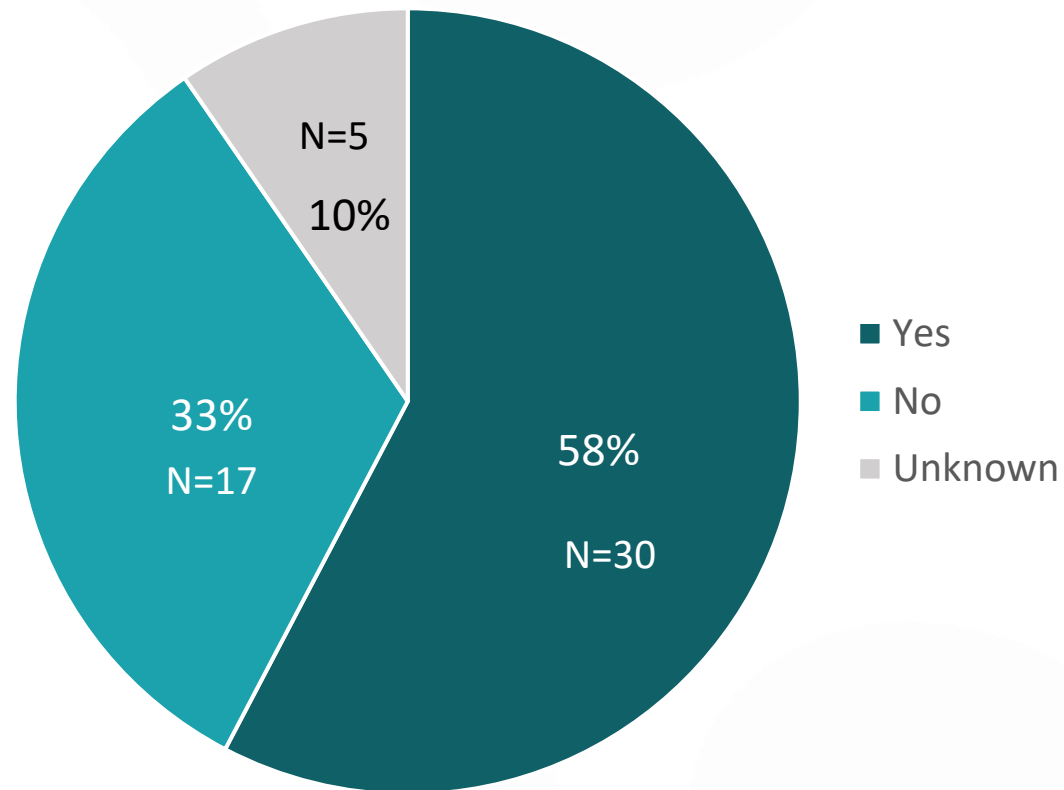


INSULIN PUMP USE

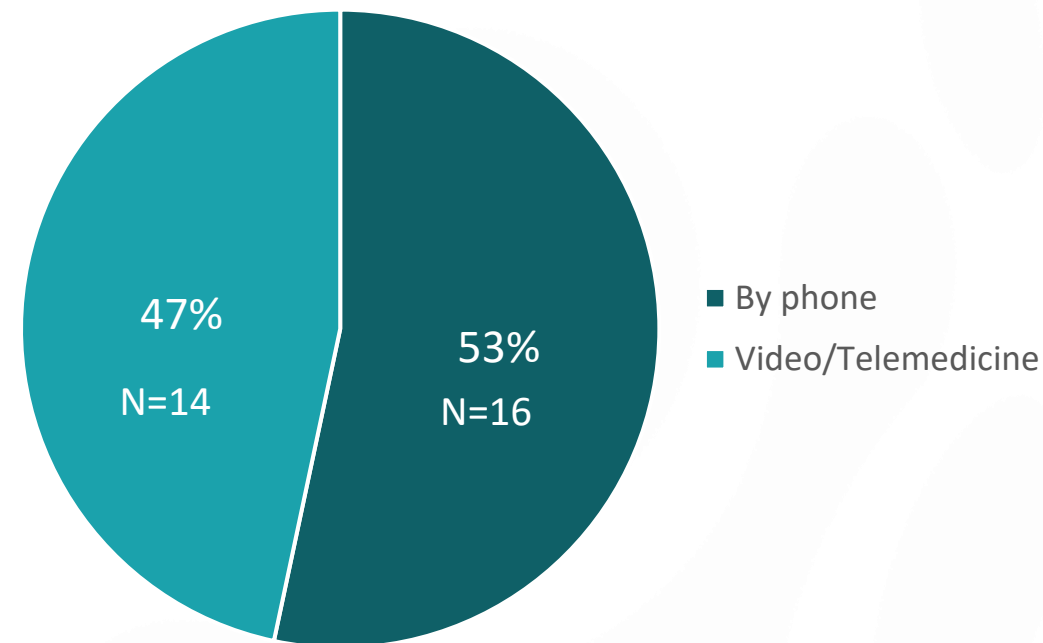


Patient Management and Transition to Telehealth

Patient Managed Remotely

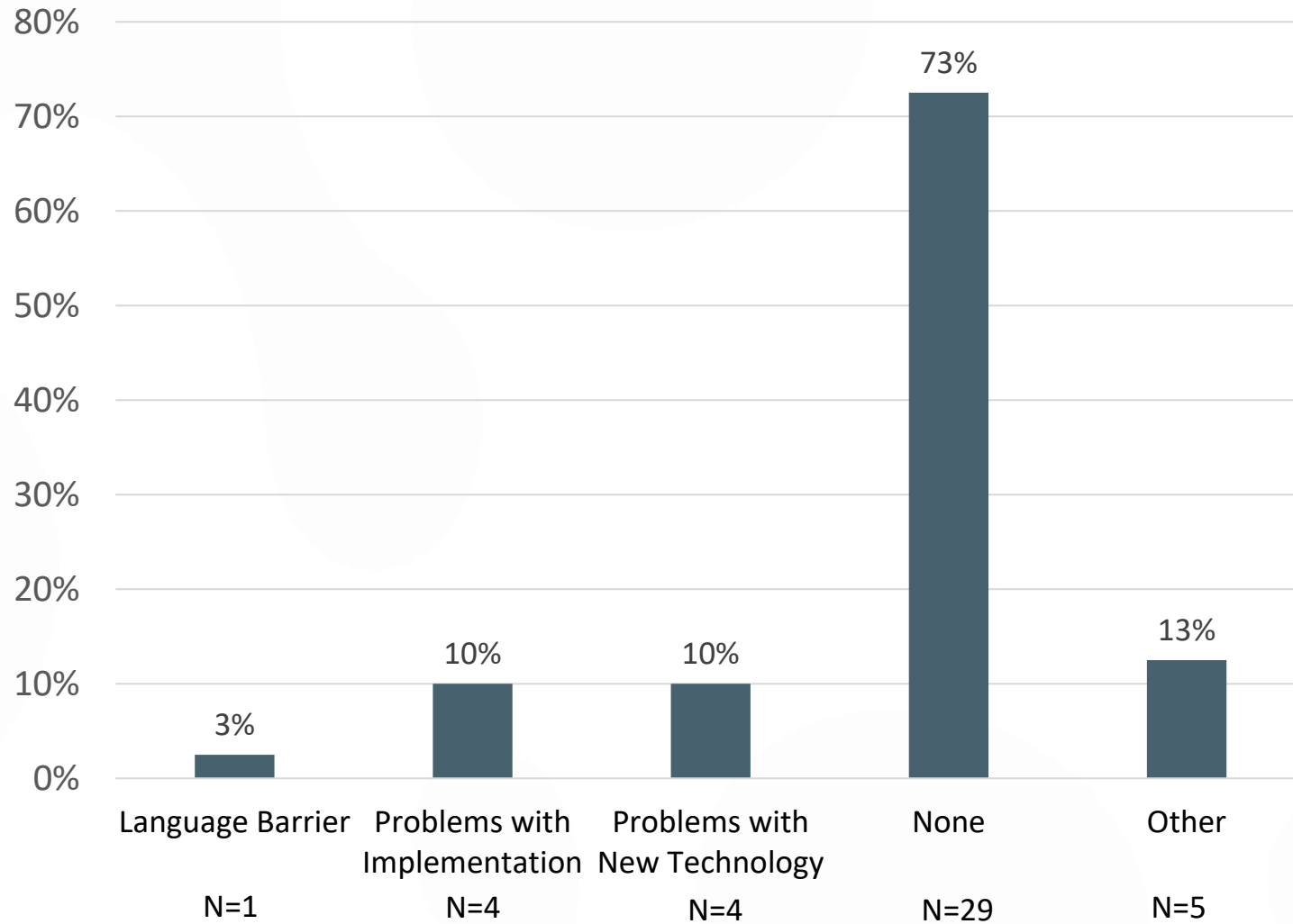


Method of Remote Care



Percentages of the 30 patients managed remotely

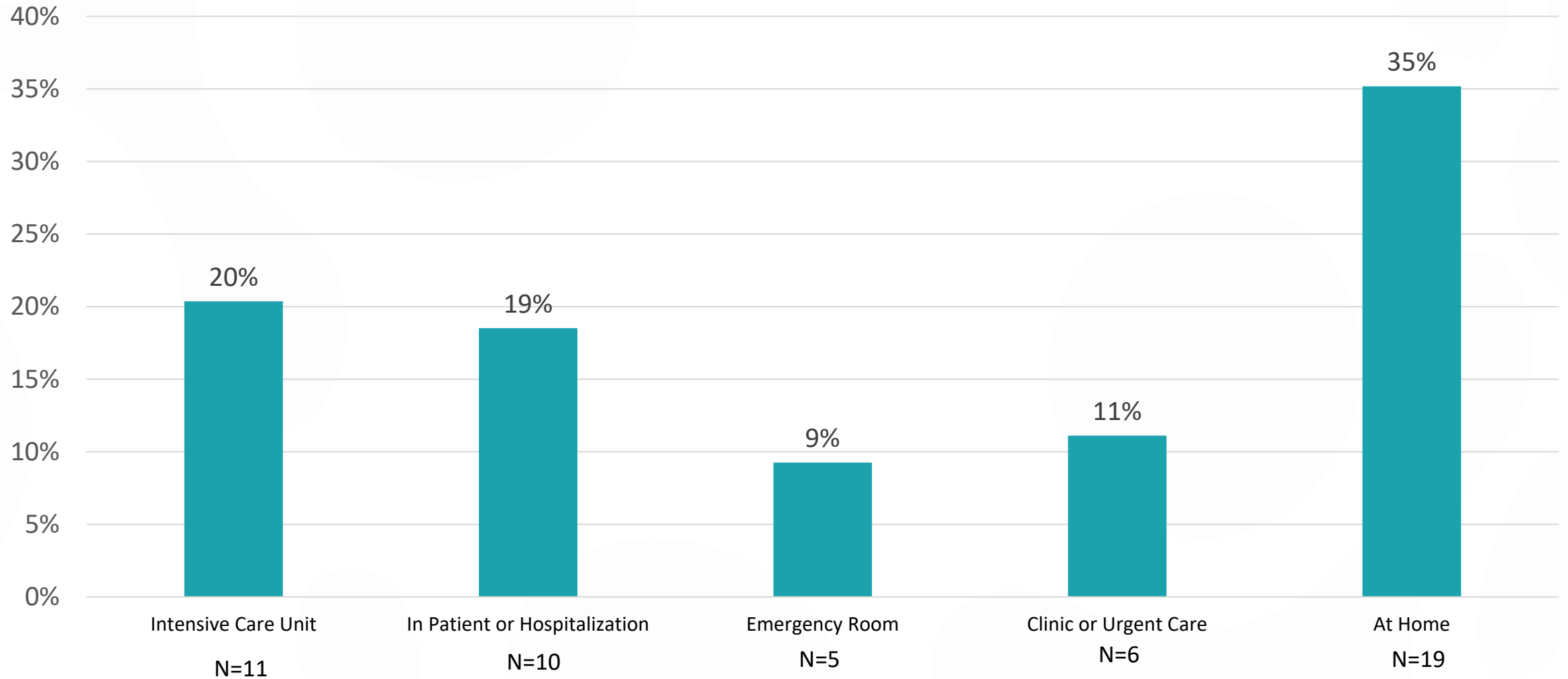
Challenges with Implementation to Telehealth



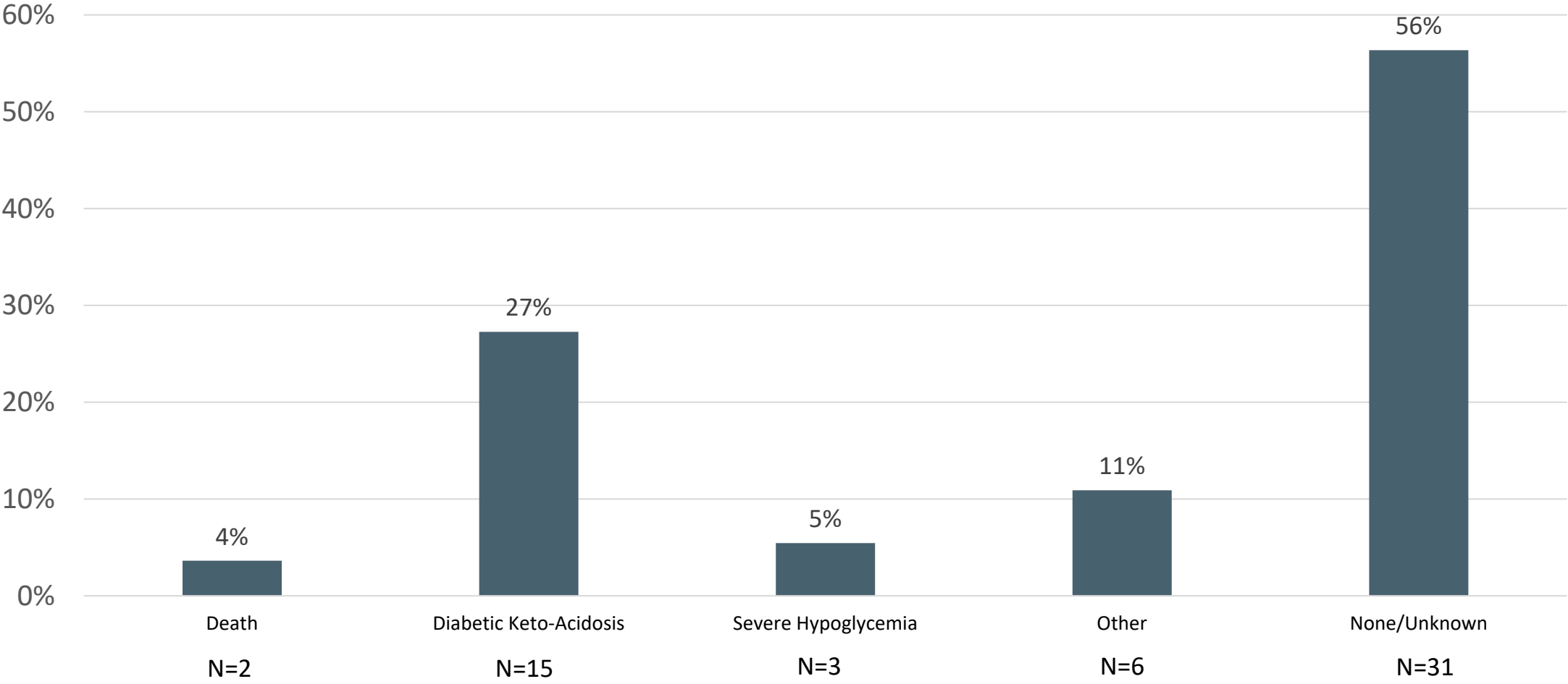
Other “Challenges with Managing Patient Remotely” include

- Inability to perform hands on activities

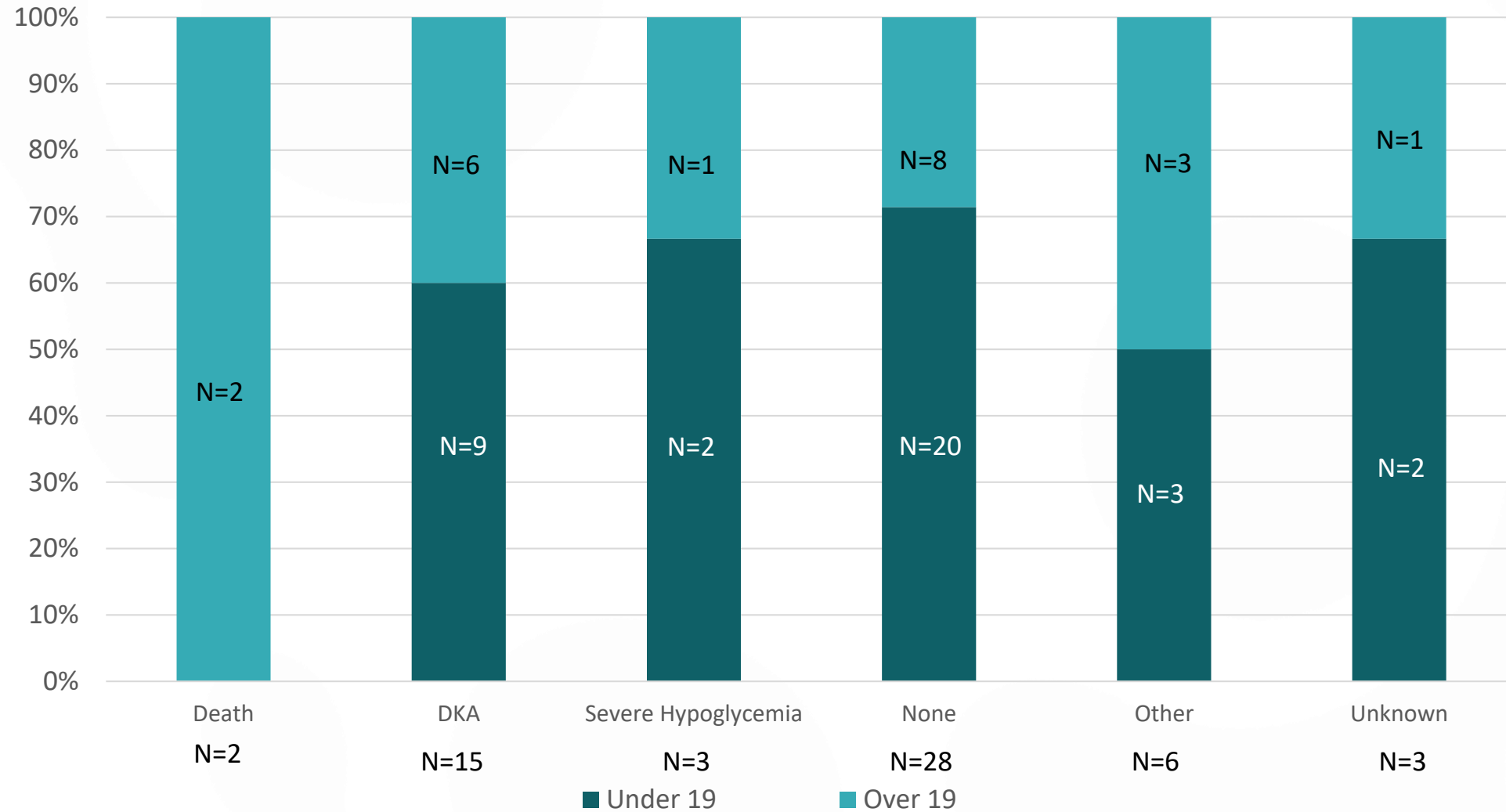
Highest Level of Care Patient Received



Adverse Outcome



T1D Adverse Outcomes of Initial Cases by Age Category



Highlight of Reported Patient Death #1

- 79-year-old, Hispanic male
- Confirmed positive SARS CoV-2 test
- Symptoms: Excess Fatigue and Loss of Taste
- T1D diagnosis for more than 20 years
 - Last HbA1c value: 9.3%
- Comorbidities
 - Hypertension
 - No known history of smoking
- Case History Notes:
 - “Very healthy prior to developing COVID-19”

Highlight of Reported Patient Death #2

- 19-year-old, Hispanic female
- Not tested but a suspected case with COVID19 Like symptoms
- Symptoms: Nausea, Vomiting, Shortness of Breath, Chest Pain, High blood Sugar
- T1D diagnosis for 6-10 years
 - Last HbA1c value: 11.5%
- Comorbidities:
 - Asthma, Anxiety, Pulmonary Embolism, Depression
 - Current Smoker

