

Background

- Little research exists on the transition from inpatient to outpatient care in pediatric patients with newly diagnosed Type 1 Diabetes Mellitus (T1D)
- Our practice does not have a standardized approach for inpatient new onset diabetes education
- Patients and providers have reported knowledge gaps
- Engaging patients in decision making can improve quality of care and patient outcomes

Aim Statement

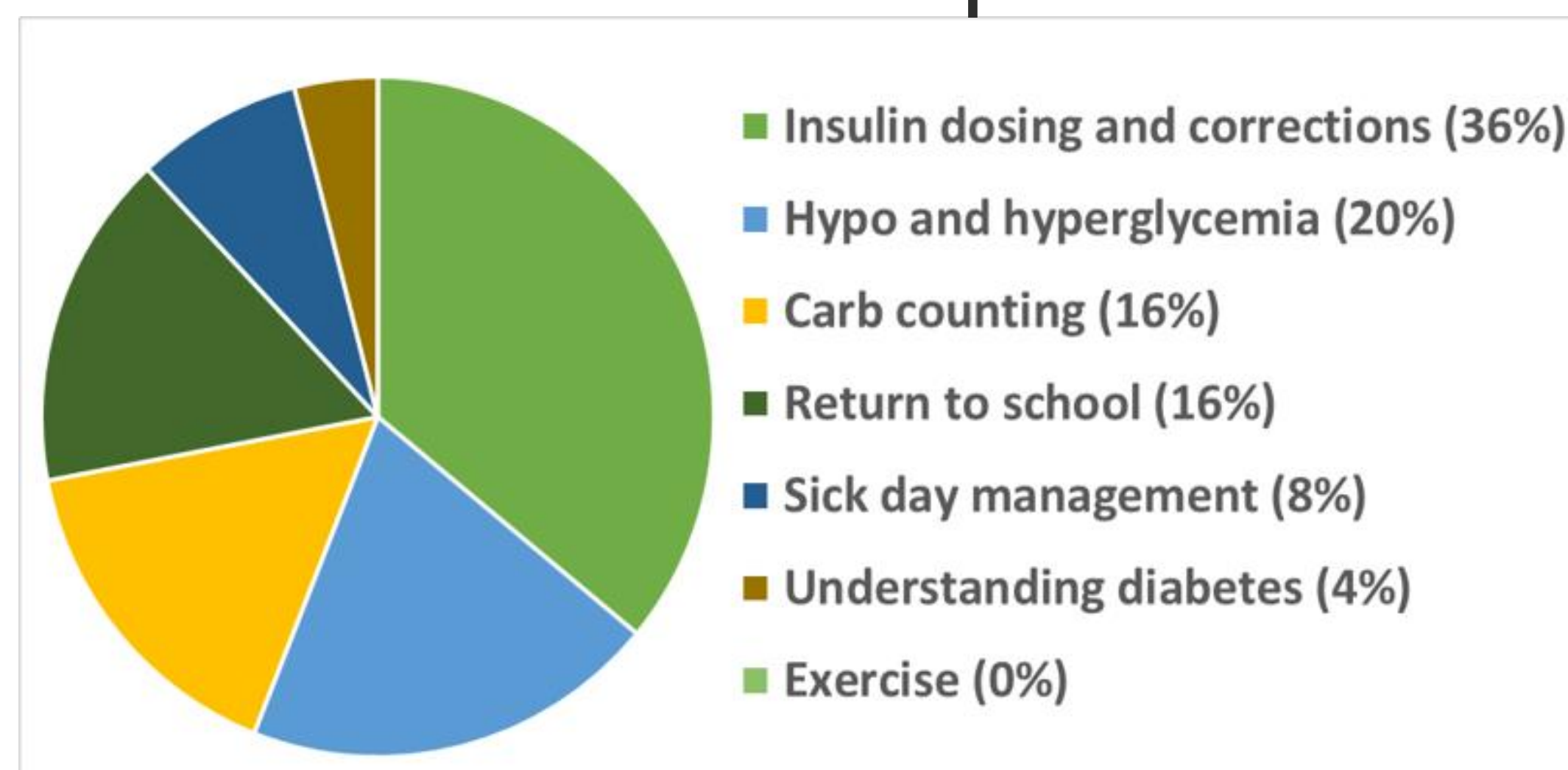
Standardize and improve diabetes education for those with newly diagnosed T1D by utilizing patient/family feedback

Methods/Interventions

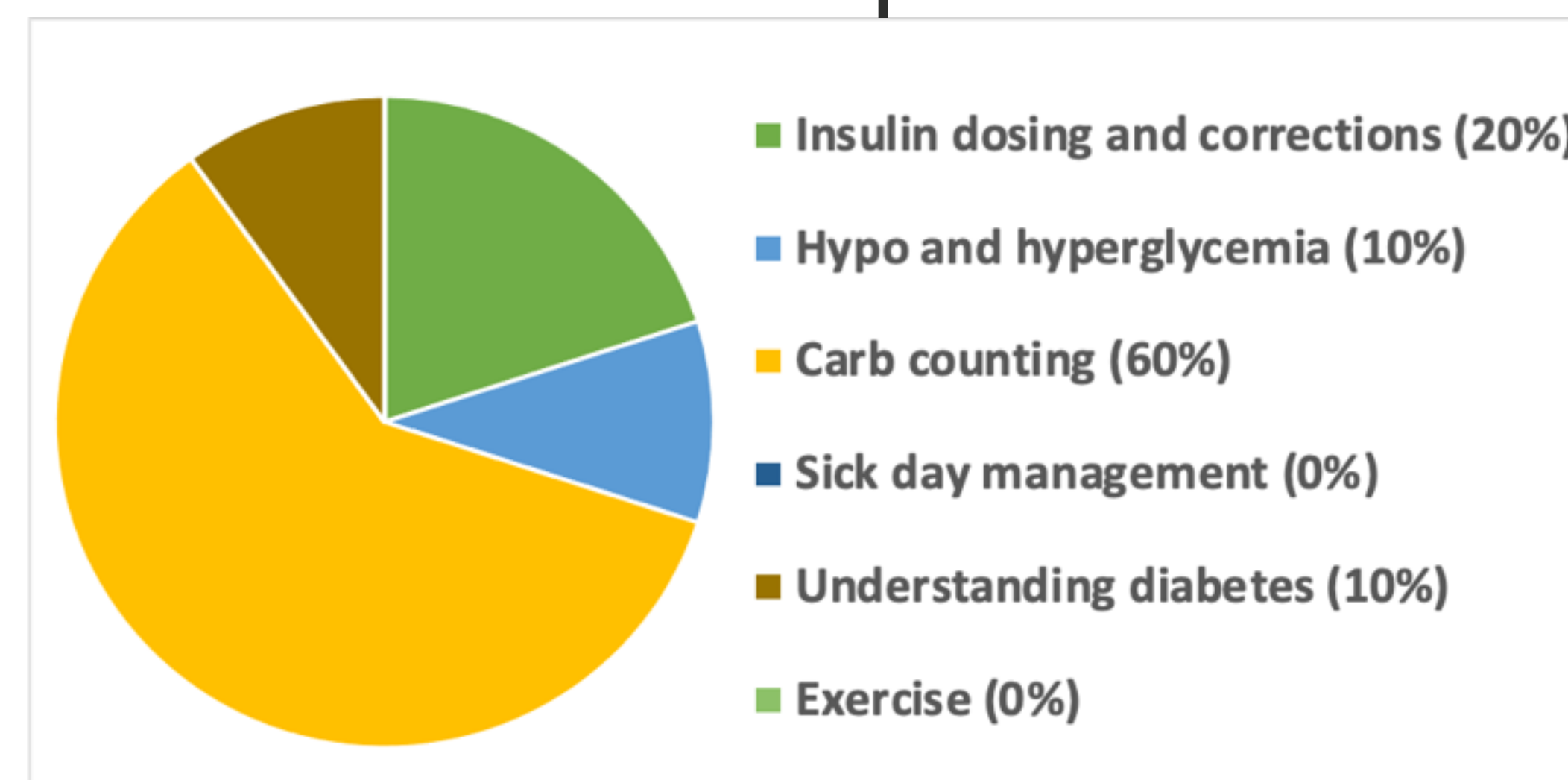
- PDSA 1**
 - Provider Survey
 - May 2023
- PDSA 2**
 - Patient Survey
 - June 2023
- PDSA 3**
 - Utilize CDCES/RD
 - June 2023
- PDSA 4**
 - Improve patient survey response rate
 - July 2023
- PDSA 5**
 - Family Focus Group Involvement
 - Sept 2023
- PDSA 6**
 - Standardize new onset education
 - Sept 2023
- PDSA 7**
 - Develop Diabetes Readiness Quiz
 - September 2023

Patient and Provider Survey Results - Inpatient

Provider Responses



Patient Responses



Conclusions

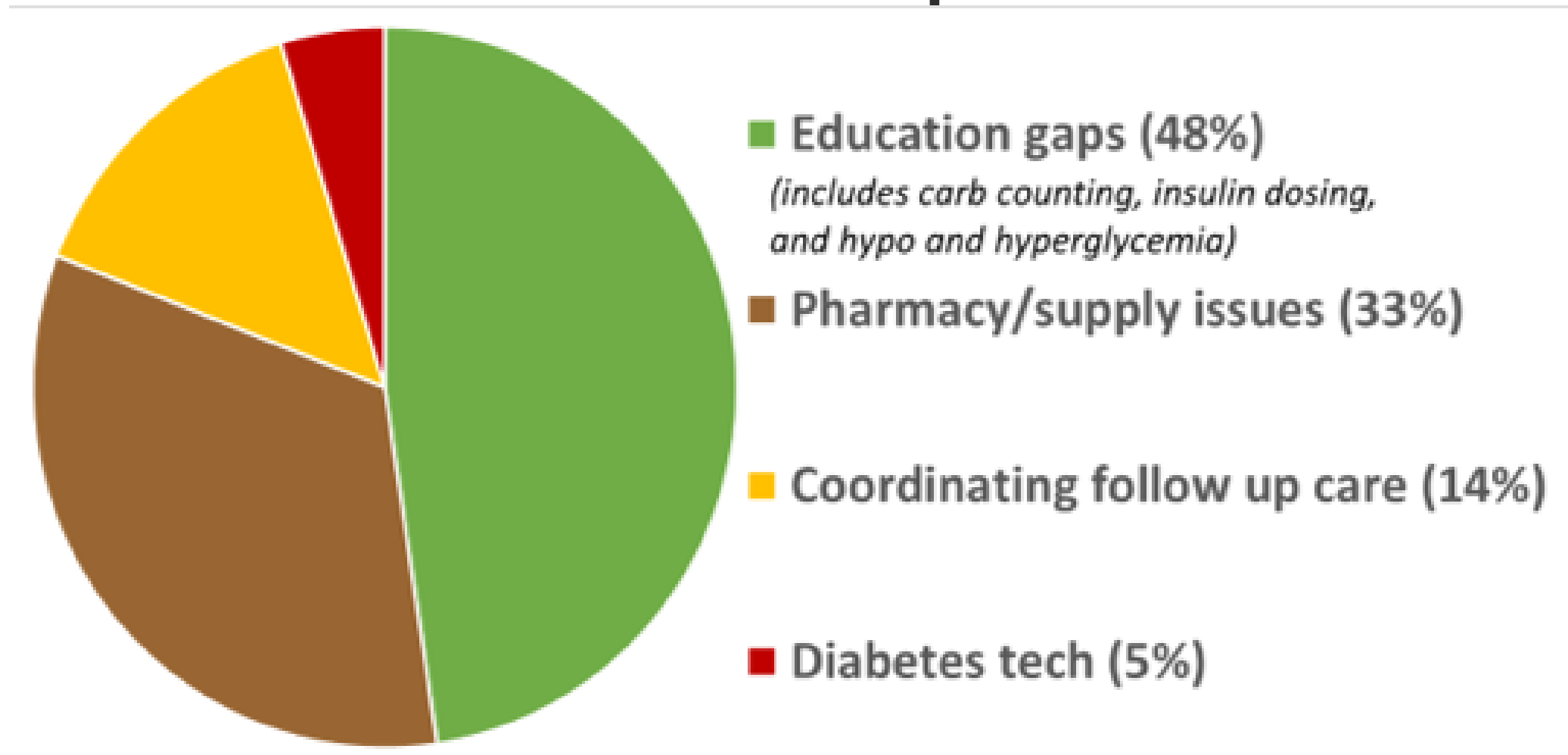
- These results highlight the difference in patient and provider perspective, and emphasize importance of patient involvement
- Continued need for streamlined diabetes education

Limitations

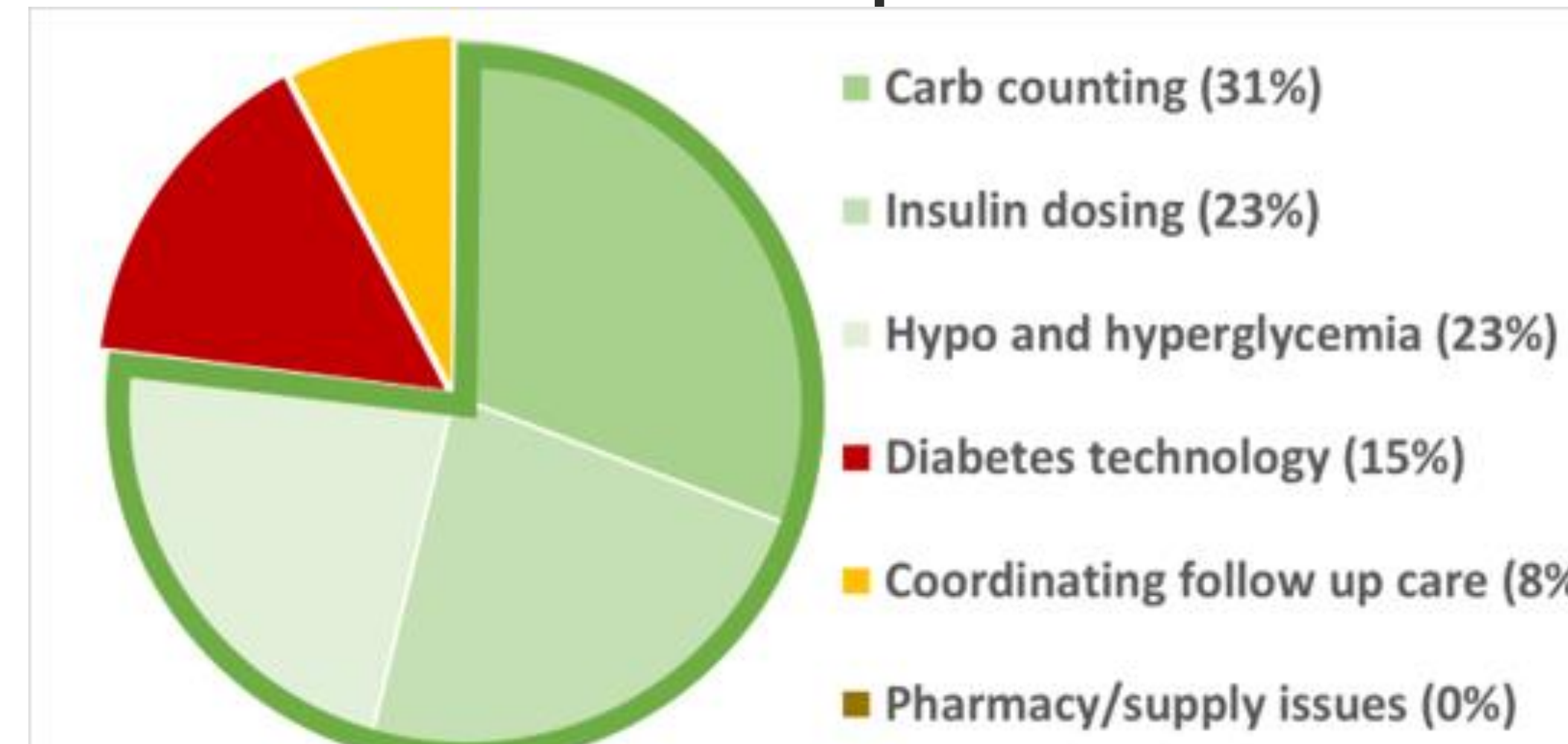
- Small number of patients surveyed (n=16 with 44% response rate)
- Minor differences in patient and provider survey questions, making comparisons more challenging

Patient and Provider Survey Results - Outpatient

Provider Responses



Patient Responses



Next Steps

- Streamline diabetes education**
 - CDCES visit 1 week after discharge
 - Handouts for patients and providers on difficult to understand topics
 - Carbohydrate counting booklet

- Develop diabetes discharge videos**
 - Grant application for funding

- Continue patient/parent involvement**
 - New onset surveys
 - Family focus group
 - Monthly class for those with new diabetes diagnosis

- Additional community and school support**

Patient Input

Patient Survey

- "How to get back to your normal day to day life after being diagnosed with diabetes. Especially for the children with going back to school and just learning and unlearning new and old habits."
- "Return to school. That was hardest for me to wrap my head around. It's all so incredibly overwhelming in the beginning and you are just trying to figure out how to make it from day to day. Some practical tips from parents would be helpful to add to the wonderful booklet you distribute would be helpful."
- "Carb counting and when to do corrections. More about the honeymoon phase"
- "Low blood sugars"

Family Focus Group

- More teaching for emergency medications prior to discharge
- Teaching videos prior to discharge to reinforce topics
- More community support – parent groups, virtual new-onset class post-discharge