



Stanford
MEDICINE

School of Medicine

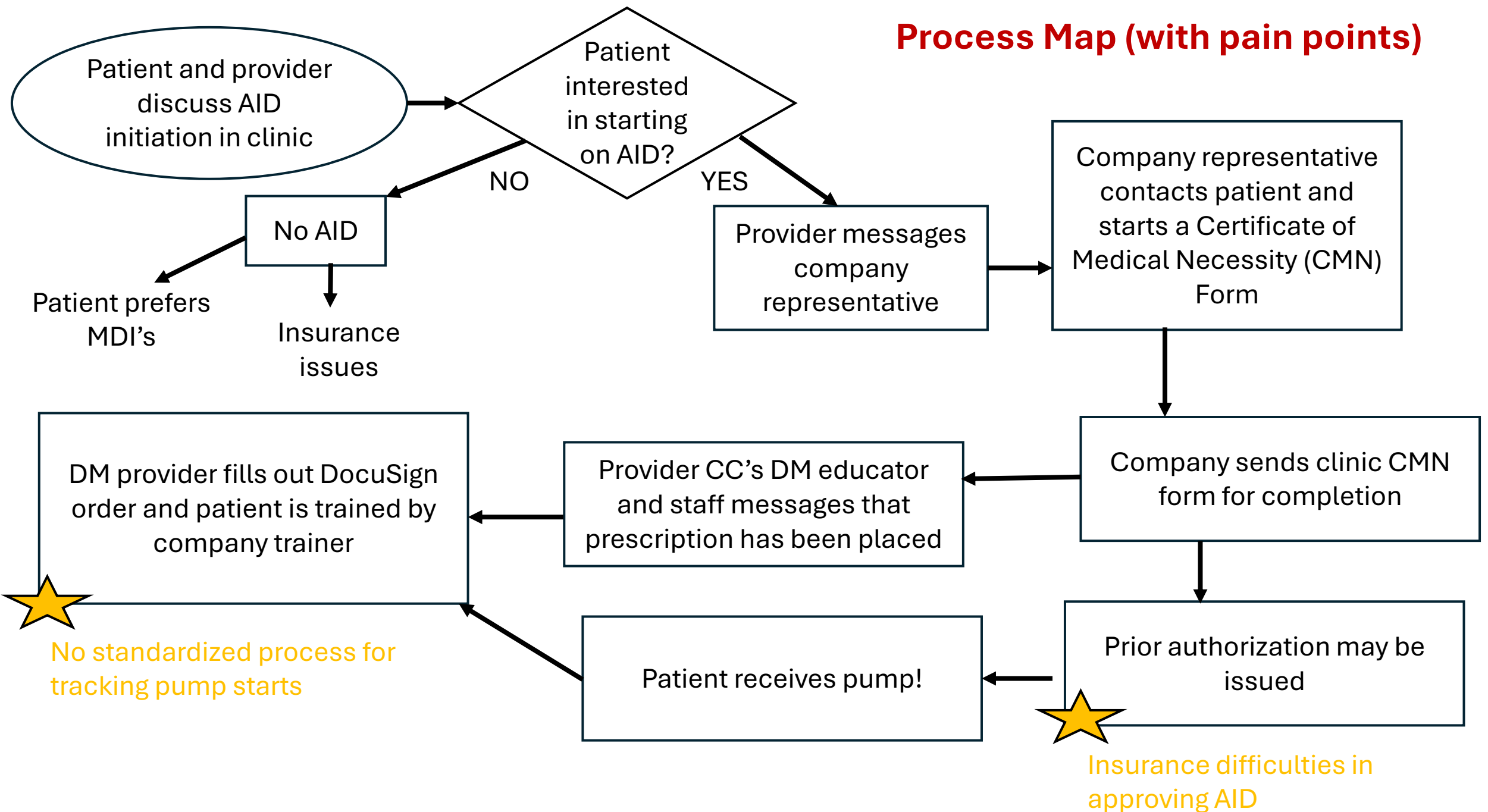
IMPROVAID – PDSA

- Dr. Marina Basina, Primary Investigator
- Kaveri Bhargava, T1D Exchange QI Coordinator

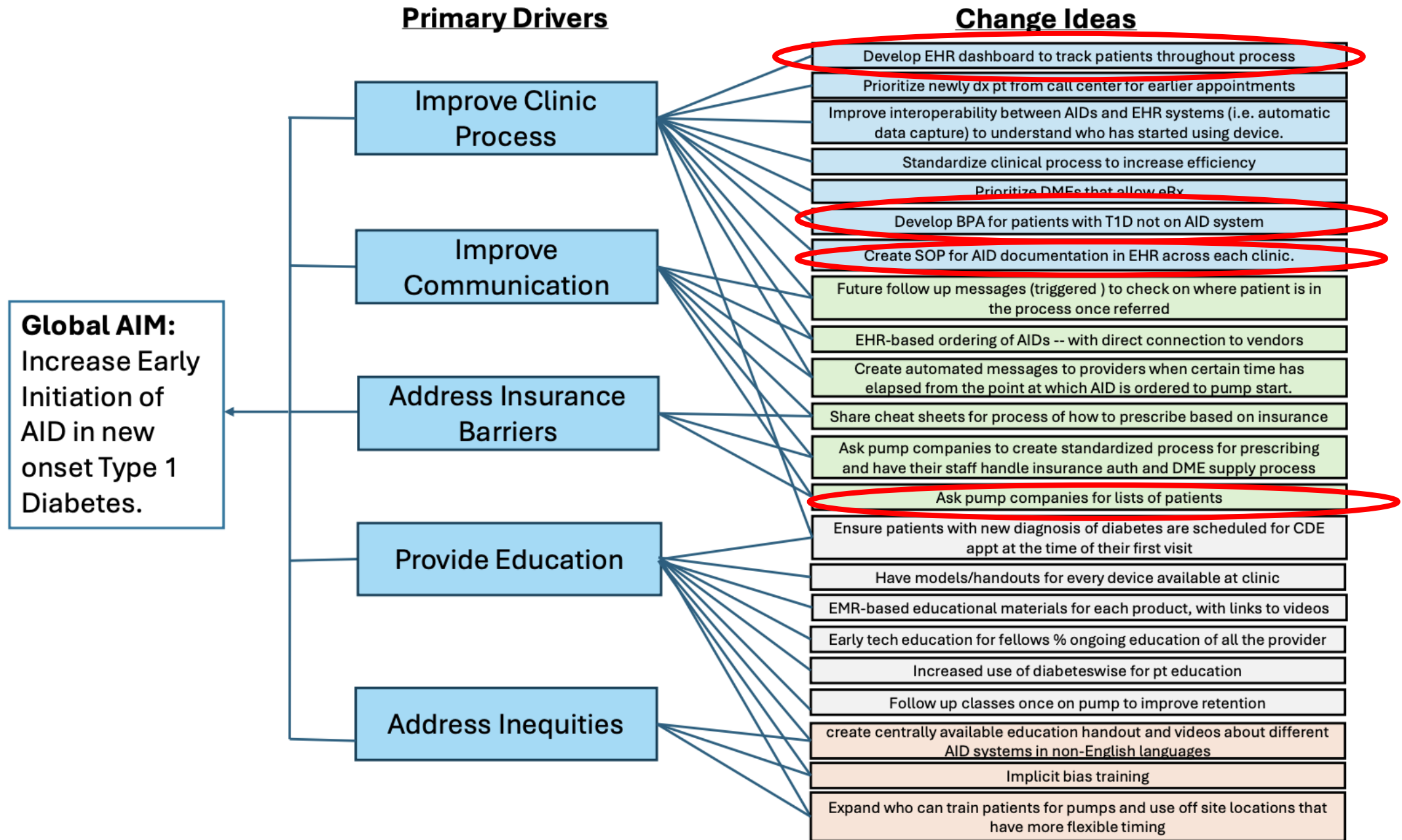
Aim Statement and Project Timeline

- Global Aim: Increase early initiation of AID in new onset Type I Diabetes
- Project Timeline: **June 2025 until December 2025**

Process Map (with pain points)



KDD



Current PDSA Cycle :

PDSA 1 – Develop EHR Dashboard for Tracking

- **Create a section in our “Diabetes Flowsheet” for new pump starts** – diabetes flowsheet is not used frequently but already exists in our EHR – updating it would be helpful to include: date of pump start, onset of diabetes, etc

Glucose Monitoring Info

SMBG Device

None	Accu-chek Guide	Freestyle Lite	OneTouch Ultra
OneTouch Verio	Foracare	Freestyle Libre CGM	
Freestyle Libre 2 CGM	Dexcom G6	Dexcom G7	Other

Sharing Home Blood Sugar Values (if Applicable)

Connected to clinic	Uploads to clinic	N/A
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SMBG Pt Specific Comments

Self-Monitoring Blood Glucose Data

CGM Data

2 Weeks	30 Days	90 Days
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Glucometer Data

2 Weeks	30 Days	90 Days
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GMI %

Average BG

SD of BG

% of Low

% in Range

% High

% CGM Wear Time

PDSA 2 - Create SOP for AID Documentation in EHR

Across Clinic

- **Create a standardized template to track pump status/pump start at each patient visit:**
add pump start date/diagnosis date to blue sticky note or to the top of the medical note

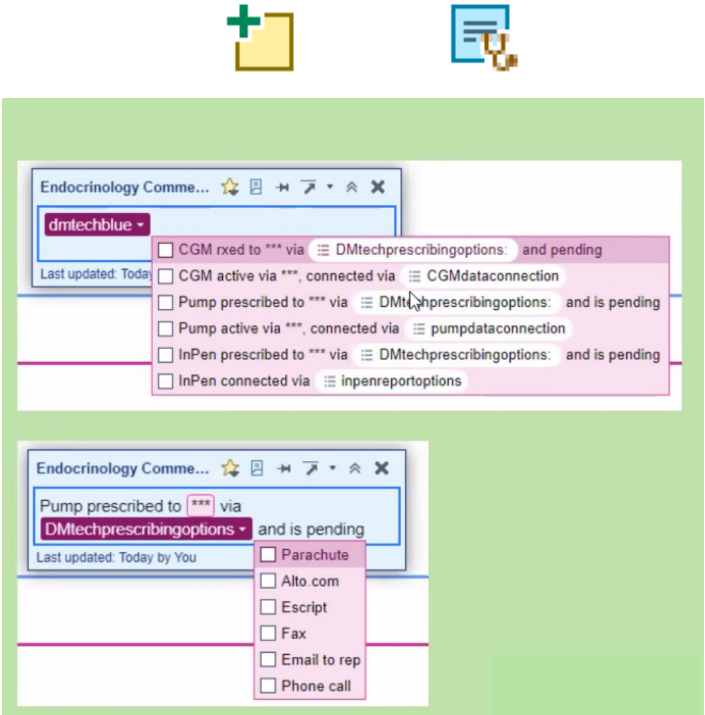


Image courtesy of Mount Sinai

Stanford Hospital and Clinics
Division of Endocrinology
Return Patient Visit

Name: [Patient Name]

MRN: [MRN]

Date: 6/12/2025

Diabetes Onset:


Pump:

Pump Start Date: |

PDSA 3 – Create BPA for patients with T1D not on AID

⚠ Type 1 Diabetes (T1D): Automated Insulin Delivery System **NOT** prescribed

This patient with type 1 diabetes is **NOT** prescribed an Automated Insulin Delivery system, which is the preferred insulin delivery method according to practice guidelines.



If patient is already on AID system, do at least one of the following:

- Add device to med list either manually or using Order Set below (preferred)
- Select device on diabetes intake form.
- Click "Add Problem" below

Open Order Set

Do Not Open

Add Problem

Do Not Add

Automated Insulin Delivery (AID) Systems [Preview](#)

Presence of hybrid closed-loop insulin pump system [Edit details](#)
(Share with patient)

Acknowledge Reason _____

Not T1D, will update problem list

Patient declined/not ready

Patient not appropriate

Cost/insurance

Patient ready, deciding on pump

Pump ordered, not yet started

Already on AID, will update med list

[Defer](#)

Image courtesy of Johns Hopkins

Goal

- **Increase A1D utilization by 10% for all new T1D patients in the Stanford Adult Endocrinology Clinic**