

[1D Exchange: Insulin Delivery Devices in Management of TID Among Pediatric Patients Authors: Jennifer Navarro, MD; Tossaporn Seeherunvong, MD; Patricia Gomez, MD; Ori Odugbesan, MD, MPH; Janine Sanchez, MD Jackson Medical Health System/ University of Miami, Miami, FL, United States

Insulin Delivery	Hybrid Pump	NonHybrid	Smart Pen (n)	MDI (p)
Device	(n)	Pump (n)		
Provider 1	42	17	18	54
Provider 2	32	6	24	75
Provider 3	290	41	160	78
Total (n)	364	64	202	207



- The highest median A1C was among SP users, followed by MDI users.
- Provider 2's patients were mostly publicly insured.



Conclusions/Next Steps

- well as correct use of those devices.
- Each quarter appears to show among all providers that there is a trend of increasing HP use.

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Results (Continued)

• Overall, 44% of patients used HPs, 8% used NHPs, 24% used SP, and 25% on MDI.

• HP users had the lowest median A1C and the highest percentage of A1C < 7.5%.

• Provider 3 had the highest number of patients and the highest percentage of HP usage.

Median A1C and Insulin Delivery Devices

Results may be affected by patient preference for insulin delivery devices as

• For future studies we may investigate reasons behind these preferences.

Based on these results our practice has been encouraging hybrid pump use.

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