

Mayo Clinic Minute

Advancing technology making it easier to manage Type 1 diabetes

Video	Audio
	People with Type 1 diabetes can't produce insulin on their own, which used to mean a lifetime of getting poked with needles up to four or five times a day to inject the insulin they need.
	But Mayo Clinic endocrinologist Dr. Yogish Kudva says the fast-advancing technology of an artificial pancreas system is making the lives of people with Type 1 diabetes much easier and far less painful.
	"What it does is it makes that whole process less burdensome."
	First, a probe that's implanted below the skin constantly measures glucose levels.
	The probe sends a wireless signal to an insulin pump – also implanted under the skin – that can automatically inject the correct amount of insulin.
	Dr. Kudva says the system has limitations, but he says ongoing research should lead to big advances and more options soon.
YOGISH KUDVA, M.B.B.S. ENDOCRINOLOGY Mayo Clinic	"For example, the continuous glucose monitoring system could last for longer. The continuous glucose monitoring system could get more accurate. The insulin pump itself could get smaller and could get – and the tubing could get better and less intrusive.
	For the Mayo Clinic News Network, I'm Ian Roth.