

Mayo Clinic Medical Edge
Advances in Cochlear Technology

1:00

Log

Audio

Intro with music	GIVING YOU THE EDGE ON HEALTHY LIVING, HERE'S MAYO CLINIC MEDICAL EDGE.
	NOT THAT LONG AGO, IT WOULD HAVE BEEN CONSIDERED A MIRACLE. BUT NOW, THANKS TO COCHLEAR IMPLANT TECHNOLOGY, WE'RE GIVING PEOPLE THE CHANCE TO HEAR FOR THE FIRST TIME, OR TO HEAR AGAIN.
Jon Shallop, Ph.D. Track 3 (7:30)	"WHEN I THINK BACK TO THE VERY FIRST IMPLANTS THAT WE DID OUR GOAL WAS IF WE GET THIS ADJUSTED JUST RIGHT AND SOMEONE KNOCKS ON THE DOOR, YOU'LL HEAR THAT."
	BUT WHEN IT CAME TO

	<p>DECIPHERING VOICES, MAYO CLINIC DR. JON SHALLOP SAYS THEY LEFT A LOT TO BE DESIRED. COCHLEAR IMPLANTS USE ELECTRODES TO STIMULATE THE AUDITORY NERVE, THE NERVE THAT ALLOWS US TO HEAR. EARLY MODELS HAD JUST ONE, SO...</p>
<p>Dr. Shallop Track 3 (7:50)</p>	<p>“MUSIC AND SPEECH SOUNDED LIKE THE SAME SIGNAL.”</p>
	<p>THERE WAS NO CHANGE IN PITCH, BUT...</p>
<p>Dr. Shallop Track 3 (10:29)</p>	<p>“IF YOU DELIVER CURRENT TO ONE ELECTRODE AND THEN TO ANOTHER, THE PERSON WILL HEAR PITCH.”</p>
	<p>SOME NEW MODELS HAVE MORE THAN 20 ELECTRODES, PROVIDING PATIENTS EVEN GREATER SOUND CLARITY.</p>
	<p>FOR MORE INFORMATION, TALK TO YOUR DOCTOR OR VISIT</p>

	MAYOCLINIC.ORG. I'M VIVIEN WILLIAMS.