

Mayo Clinic Medical Edge
How do Hearing Aids Work?

1:00

Log

Audio

Intro with music	GIVING YOU THE EDGE ON HEALTHY LIVING, HERE'S MAYO CLINIC'S MEDICAL EDGE.
	WHEN IT COMES TO HELPING PEOPLE HEAR, WE'VE COME A LONG WAY FROM THE TIN HORN HELD UP TO THE EAR TO MAGNIFY SOUND. AND YET THE SAME PRINCIPLE APPLIES. YOU'RE TRYING TO MAKE SOUNDS LOUD ENOUGH TO BE HEARD. NOW-A- DAYS, ALL HEARING AIDS HAVE THREE PRIMARY COMPONENTS: A MICROPHONE THAT PICKS UP SOUND.
Cynthia Hogan, Ph.D. Track 1 (7:52)	"SOME KIND OF CIRCUIT THAT HAS AN AMPLIFIER AND THEY ALL HAVE A LOUDSPEAKER... WE CALL IT A

	RECEIVER.”
	AND THANKS TO DIGITAL TECHNOLOGY, TODAY'S HEARING AIDS ARE MUCH MORE ADJUSTABLE TO AN INDIVIDUAL'S PARTICULAR HEARING LOSS. ONLY THE FREQUENCIES THAT NEED AMPLIFYING GET LOUDER. PLUS, EVERYTHING IS MUCH MORE COMPACT.
Dr. Hogan Track 2 (:50)	“THE SMALLER-SIZED AIDS ARE APPEALING TO PEOPLE WHO PREVIOUSLY WOULDN'T HAVE EVEN CONSIDERED IT OR MIGHT HAVE LEFT IT IN THE DRAWER.”
	AND THAT'S IMPORTANT, BECAUSE THE ONLY PLACE THAT A HEARING AID CAN WORK IS IN YOUR EAR.
	FOR MORE INFORMATION, TALK TO YOUR DOCTOR OR VISIT MAYOCLINIC.ORG . I'M VIVIEN WILLIAMS.

