

Mayo Clinic Medical Edge

*Computerized Legs*

1:00

**Log**

**Audio**

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<b>Intro with music</b>	GIVING YOU THE EDGE ON HEALTHY LIVING, HERE'S MAYO CLINIC MEDICAL EDGE.
<b>(MOOSH-erd)</b>	MANNING THE PUMPER TRUCK, YOU'D NEVER KNOW IT, BUT FIREFIGHTER DEAN MUSGJARD LOST HIS LEFT LEG FROM THE MID-THIGH DOWN AFTER A MOTORCYCLE ACCIDENT 20-YEARS AGO.
<b>Dean Musgjard, Patient</b>	"IT PRETTY MUCH TORE THE BOTTOM HALF OFF."
	SINCE THEN HE'S HAD NUMEROUS PROSTHETIC DEVICES. BUT TODAY HE'S USING A NEW COMPUTERIZED LEG BEING TESTED AT MAYO CLINIC. DR. KENTON KAUFMAN SAYS YOU CAN

	THINK OF IT AS A SMART LEG.
<b>Ken Kaufman, M.D.</b>	“IT’S SMART BECAUSE IT DETECTS WHAT THE PERSON IS TRYING TO DO AND MAKES ADJUSTMENTS TO ALLOW THEM TO DO THAT MORE NATURALLY.”
	IT DOES THAT WITH TWO SENSORS THAT CONTROL MOVEMENT. ONE IS NEAR THE ANKLE AND SENSES LOAD. THE OTHER IS...
<b>Dr. Kaufman</b>	“IN THE KNEE TO KNOW WHEN THE KNEE IS FLEXING AND EXTENDING.”
	DEAN SAYS IT GIVES HIM MUCH MORE FREEDOM TO MOVE, CLIMB, RUN AND WORK AS A VOLUNTEER HELPING HIS COMMUNITY.
	FOR MORE INFORMATION, TALK TO YOUR DOCTOR OR VISIT <a href="http://MAYOCLINIC.ORG">MAYOCLINIC.ORG</a> . I’M VIVIEN WILLIAMS.

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