

**Mayo Clinic Medical Edge**

**Smart Knee Brace**

1:00

<b>Log</b>	<b>Audio</b>
<b>Intro with music</b>	GIVING YOU THE EDGE ON HEALTHY LIVING, HERE'S MAYO CLINIC'S MEDICAL EDGE.
<b>Walt Myers</b>	"TO BE HIT WITH SOMETHING THAT TAKES AWAY YOUR MOBILITY IS ABSOLUTELY DEVASTATING."
	A DEGENERATIVE NEUROLOGICAL CONDITION CAUSES WALT'S MEYER'S MUSCLES TO GET WEAK. BUT EVERY DAY, HE STRAPS ON LEG BRACES AND WALKS. UNLIKE OLDER MODELS WHICH KEEP YOUR KNEES LOCKED IN PLACE, THIS BRACE IS SMART – IT'S PROGRAMMED TO MOVE WITH YOU.
<b>Kenton Kaufman, Ph.D.</b>	"WITH THIS DESIGN, IT STILL GIVES THEM STABILITY DURING STANCE BECAUSE IT'S LOCKED, BUT IT

	<p>ALSO GIVES THEM MOBILITY DURING SWING SO YOU CAN WALK NORMALLY.”</p>
	<p>DR. KENTON KAUFMAN IS PART OF THE TEAM AT MAYO CLINIC THAT DEVELOPED THE BRACE. IT’S COMPUTER CONTROLLED. WHEN WALT PUTS WEIGHT ON THE BRACE, IT LOCKS IN PLACE, KEEPING HIM STABLE. WHEN HE LIFTS HIS LEG TO SWING IT FORWARD, SENSORS DETECT THE CHANGE AND THE BRACE AUTOMATICALLY UNLOCKS.</p>
<p><b>Dr. Kaufman</b></p>	<p>“IT ALLOWS PEOPLE TO BE MORE MOBILE, SO THEY CAN DO THE NORMAL ROUTINES THAT THEY WOULD LIKE TO DO TO BE INDEPENDENT.”</p>
	<p>FOR MORE INFORMATION, TALK TO YOUR DOCTOR OR VISIT <a href="http://MAYOCLINIC.ORG">MAYOCLINIC.ORG</a>. I’M VIVIEN WILLIAMS.</p>