

Mayo Clinic Medical Edge

Nicotine Vaccine

1:00

Log

Audio

Intro with music	GIVING YOU THE EDGE ON HEALTHY LIVING, HERE'S MAYO CLINIC'S MEDICAL EDGE.
	THERE ARE SHOT'S THAT HELP PROTECT US FROM MANY THINGS... THE FLU, CHICKENPOX, OR THE HPV VIRUS. BUT WHAT IF THERE WAS A SHOT THAT COULD HELP YOU STOP SMOKING?
Lowell Dale, M.D.	"IT'S STILL PROBABLY SEVERAL YEARS AWAY FROM BEING AVAILABLE, AND EXACTLY HOW THAT WILL BE USED, WHETHER IT WILL BE USED TO HELP PEOPLE STOP SMOKING OR TO HELP PREVENT RELAPSE FROM HAPPENING IS STILL UP IN THE AIR."
	THE THEORY, EXPLAINS MAYO CLINIC DR. LOWELL DALE, IS THAT

	<p>THE VACCINE PROMPTS THE BODY TO CREATE ANTI-BODIES THAT WOULD PREVENT NICOTINE—THE ADDICTIVE COMPONENT IN TOBACCO PRODUCTS—FROM REACHING THE BRAIN.</p>
<p>Dr. Dale</p>	<p>“SO THAT WHEN SOMEBODY SMOKES, THEY DON’T GET THAT BOOST, THAT PLEASURE, THAT RESPONSE. IT’S LESS REINFORCING”</p>
	<p>STUDIES ARE UNDER WAY NOW. IF THEY PROVE SUCCESSFUL, DR. DALES BELIEVES THE VACCINE COULD BE ONE OF THE NEXT GENERATION OF TOBACCO CESSATION AIDS.</p>
	<p>FOR MORE INFORMATION, TALK TO YOUR DOCTOR OR VISIT MAYOCLINIC.ORG. I’M VIVIEN WILLIAMS.</p>