

Mayo Clinic Minute: Using AI to predict kidney failure in patients with polycystic kidney disease

VIDEO	AUDIO
Fouad Chebib, M.D. Nephrology Mayo Clinic	"For these patients with polycystic kidney disease, and namely ADPKD, half of them would reach kidney failure by their early 50s. And then 75% might reach kidney failure by their early 60s."
	Advances in technology have allowed Dr. Chebib and Mayo Clinic researchers to use data differently.
	"Using artificial intelligence, we're able to collect all these data from the imaging particularly, such as the total kidney volume. Now it's part of our clinical practice, where we can obtain the MRI or the CT scan, it goes through our artificial intelligence cloud and then comes back through our radiology team, and then gives us the exact numbers."
	Whatever the news might be.
	"We can plug those numbers, adjust for age, and obtain something called Mayo Imaging Classification, and predict with that the future kidney function — and when potentially they might reach kidney failure or maybe not reach kidney failure."
	Providing patients information to make decisions about their future.
	For the Mayo Clinic News Network, I'm Jason Howland.