

Breakthrough technique has potential to stop some genetic disorders from being inherited

Today, researchers at the [New York Stem Cell Foundation](#) and [Columbia University Medical Center](#) announced the success of a new technique to transfer the nucleus of one human egg cell into another.

This technique has the clinical potential to eliminate the inheritance of mutations in mitochondrial DNA that cause multiple diseases in the children of parents conceiving by in-vitro fertilization.

“Through this study, we have shown that it should be possible to prevent the inheritance of mitochondrial disorders,” said Dr. Dieter Egli, co-lead author of the study which [appears today in Nature](#). (“Nuclear Genome Transfer in Human Oocytes Eliminates Mitochondrial DNA Variants”).

View the original article here: [Nuclear Transfer Breakthrough Offers A Way To Prevent Mitochondrial Disorders](#)