

Show us the nuclear transfer we'd seen before, but now we're going to see it as an example where a skin cell nucleus is going to be used to make an embryonic stem cell. So the egg cell has the nucleus removed, the nucleus from a skin cell is then injected into that egg. That egg you'll remember can initiate development by dividing, making a blastocyst. Here's this important reprogramming phenomena going on, the details of which are still unknown. The cells now begin to divide. Continue to divide to make a blastocyst with an inner cell mass, and then it's from the inner cell mass, and that blastocyst that an embryonic stem cell can be derived.