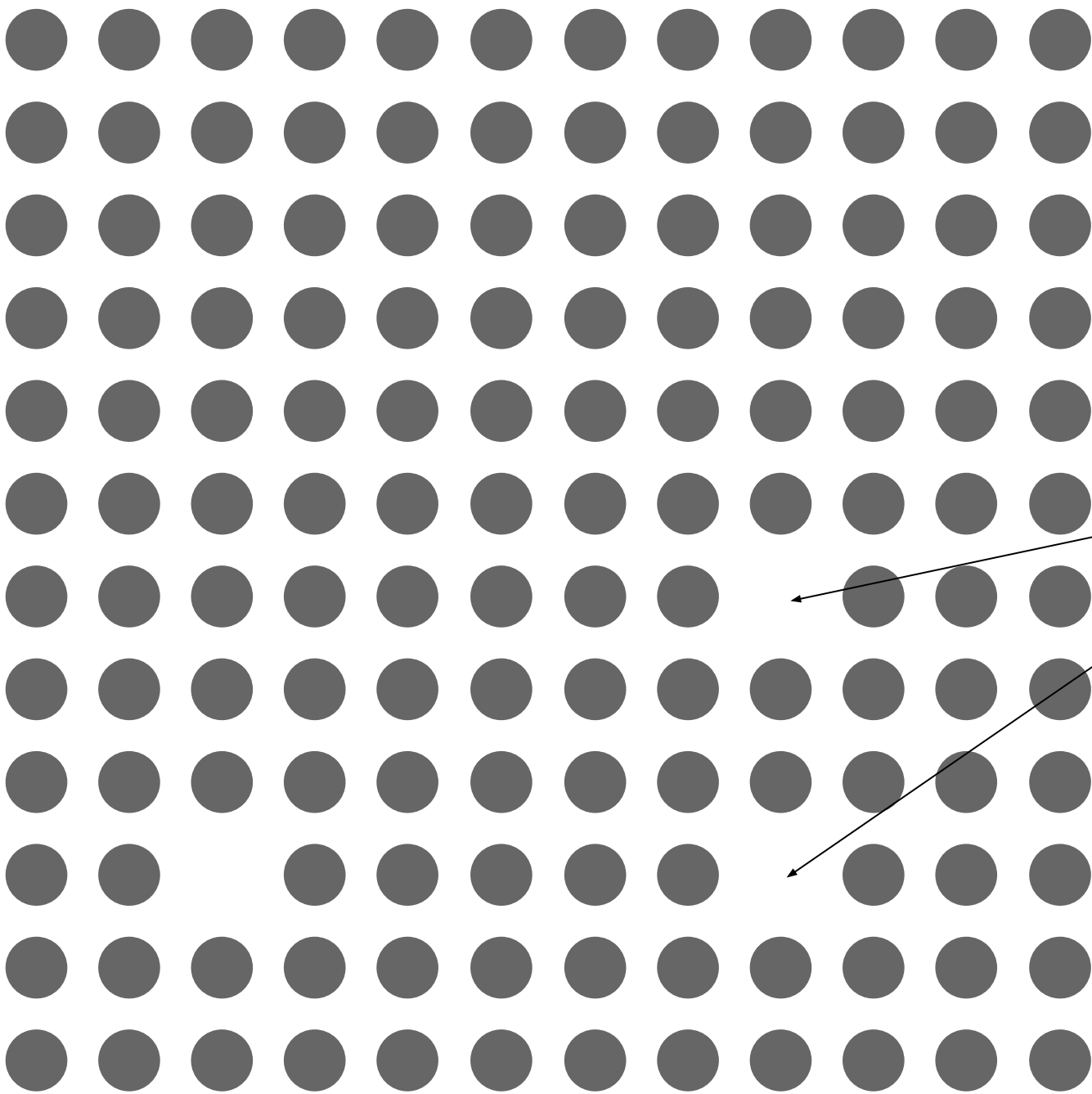
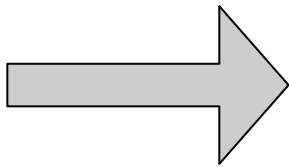


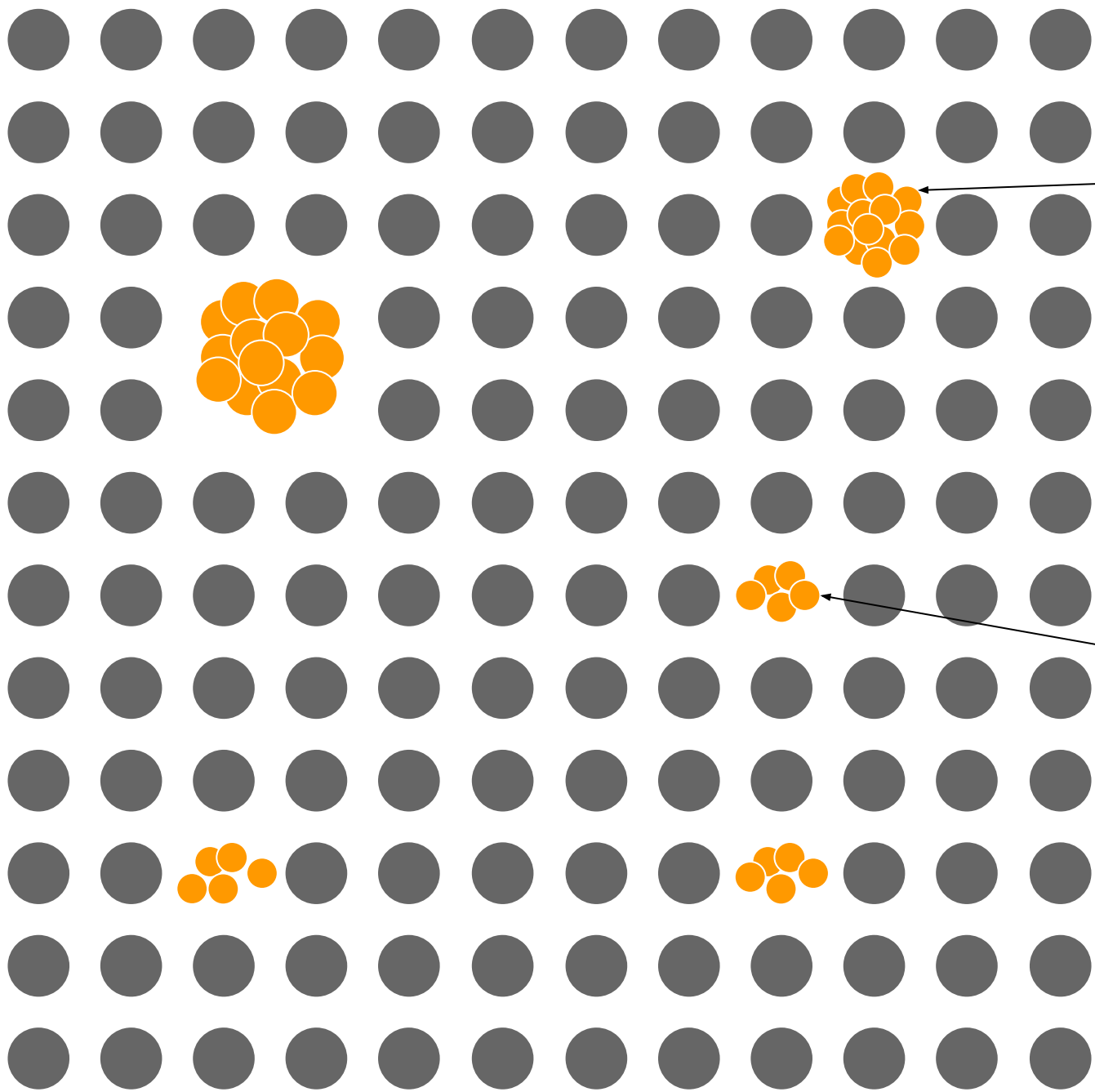
Initial state



Pre-existing defects

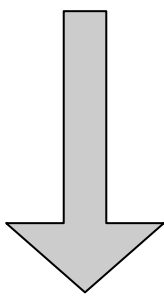


Helium implantation

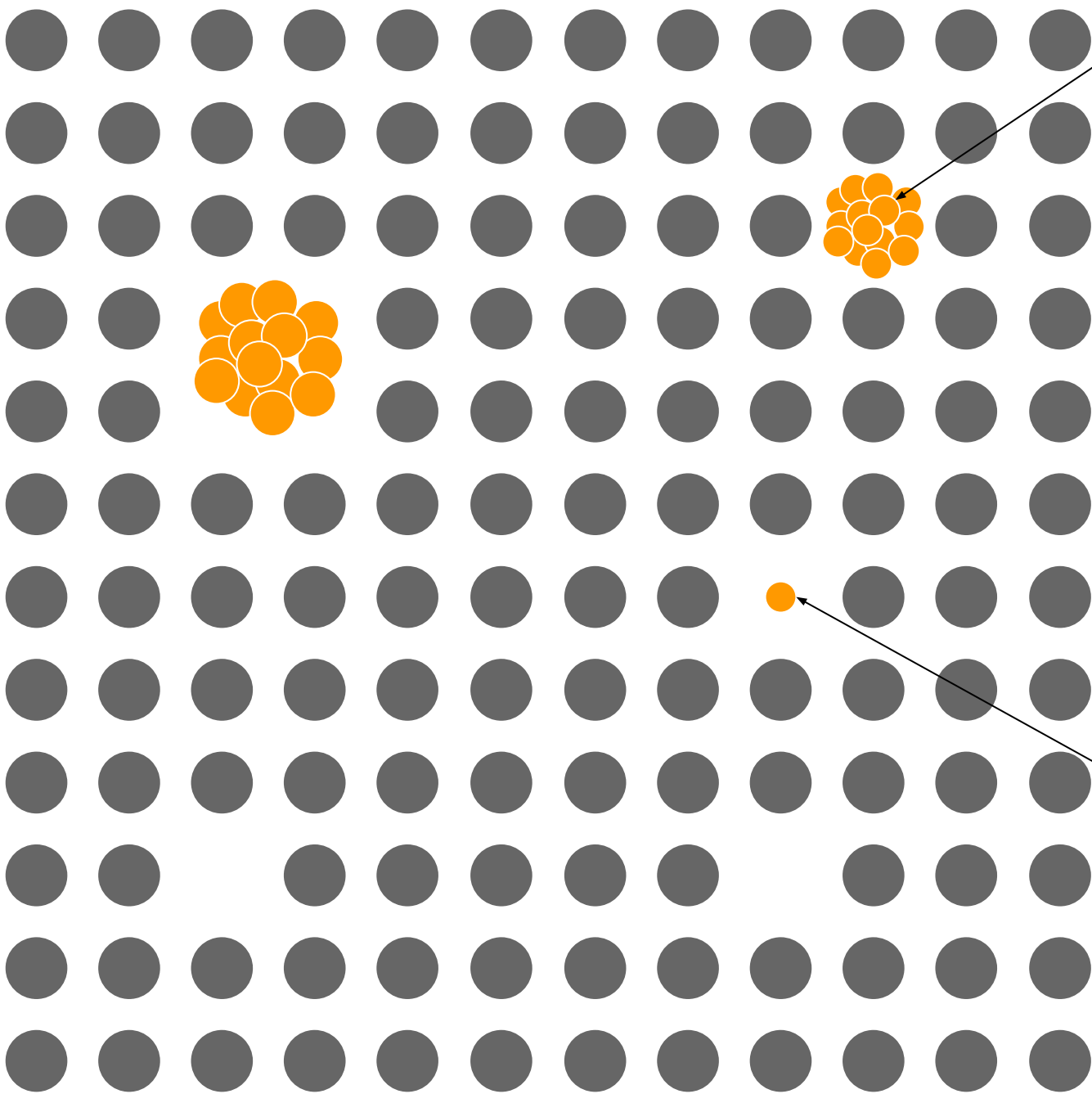


Helium bubble

Pre-existing defect saturated with helium

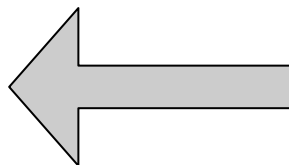


1st TDS

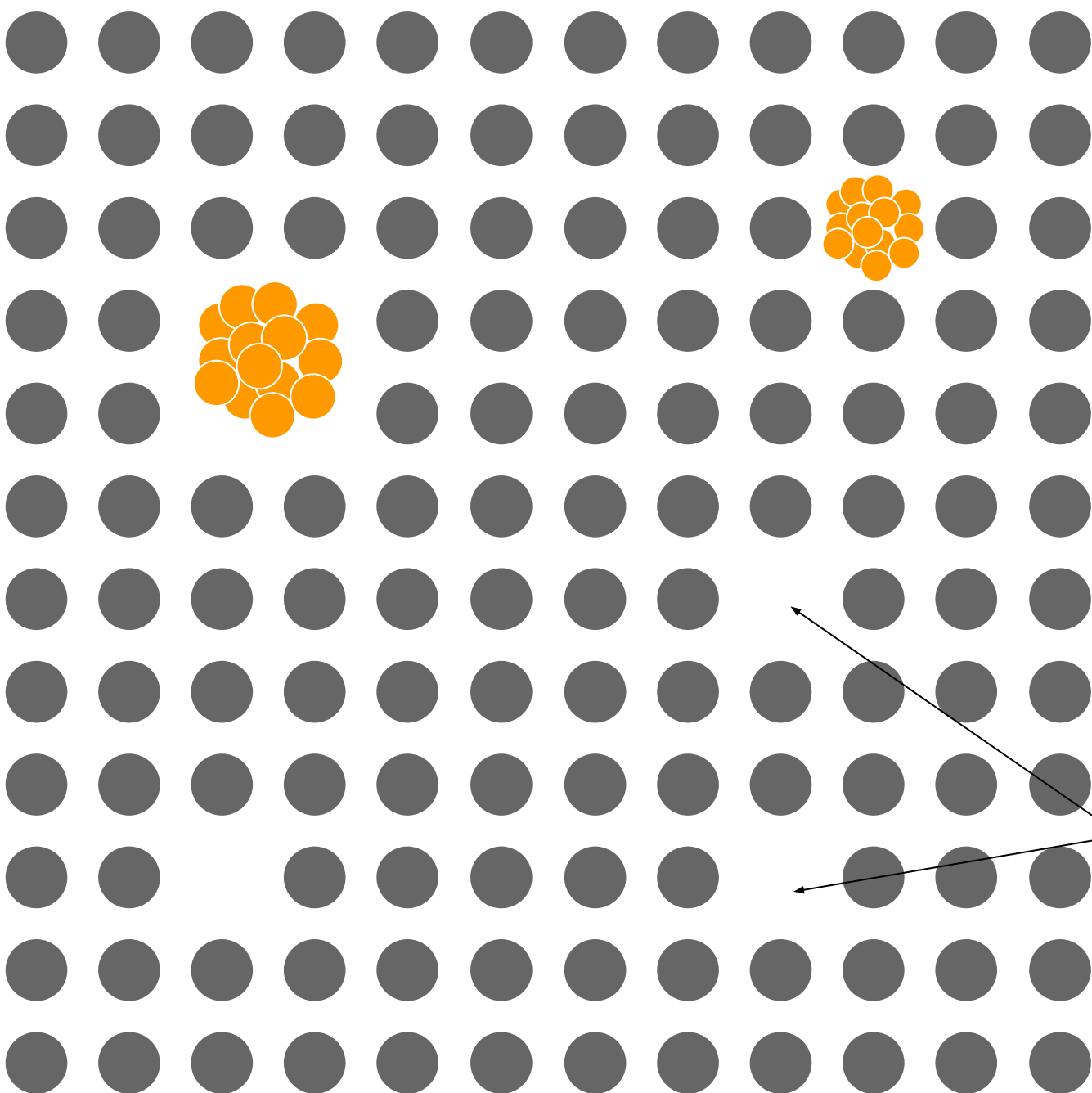


Deuterium detraps from bubbles

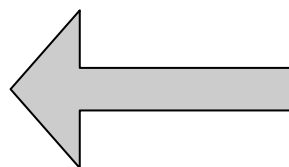
Some pre-existing defects still contain helium



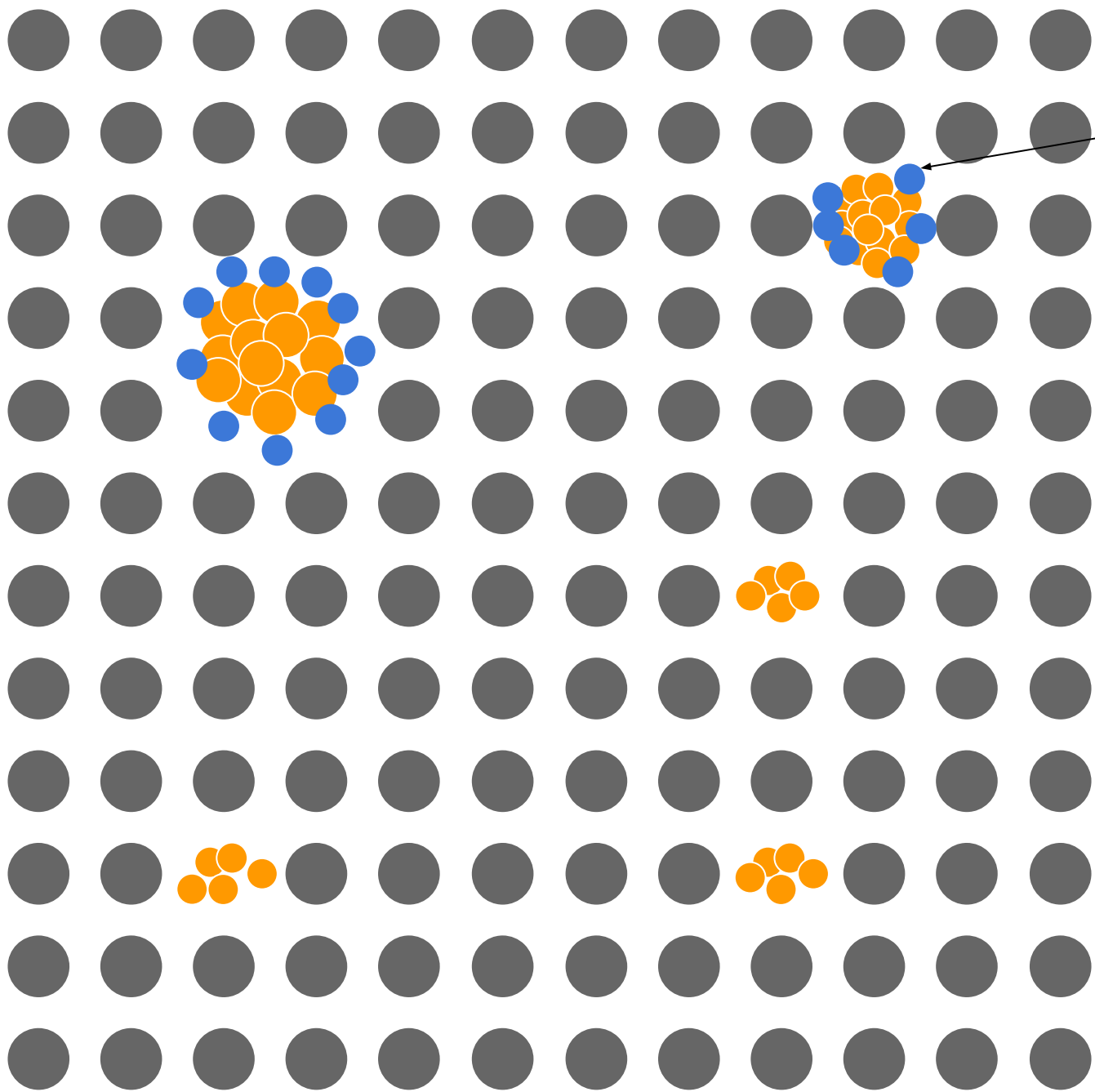
2nd TDS



All pre-existing defects are empty

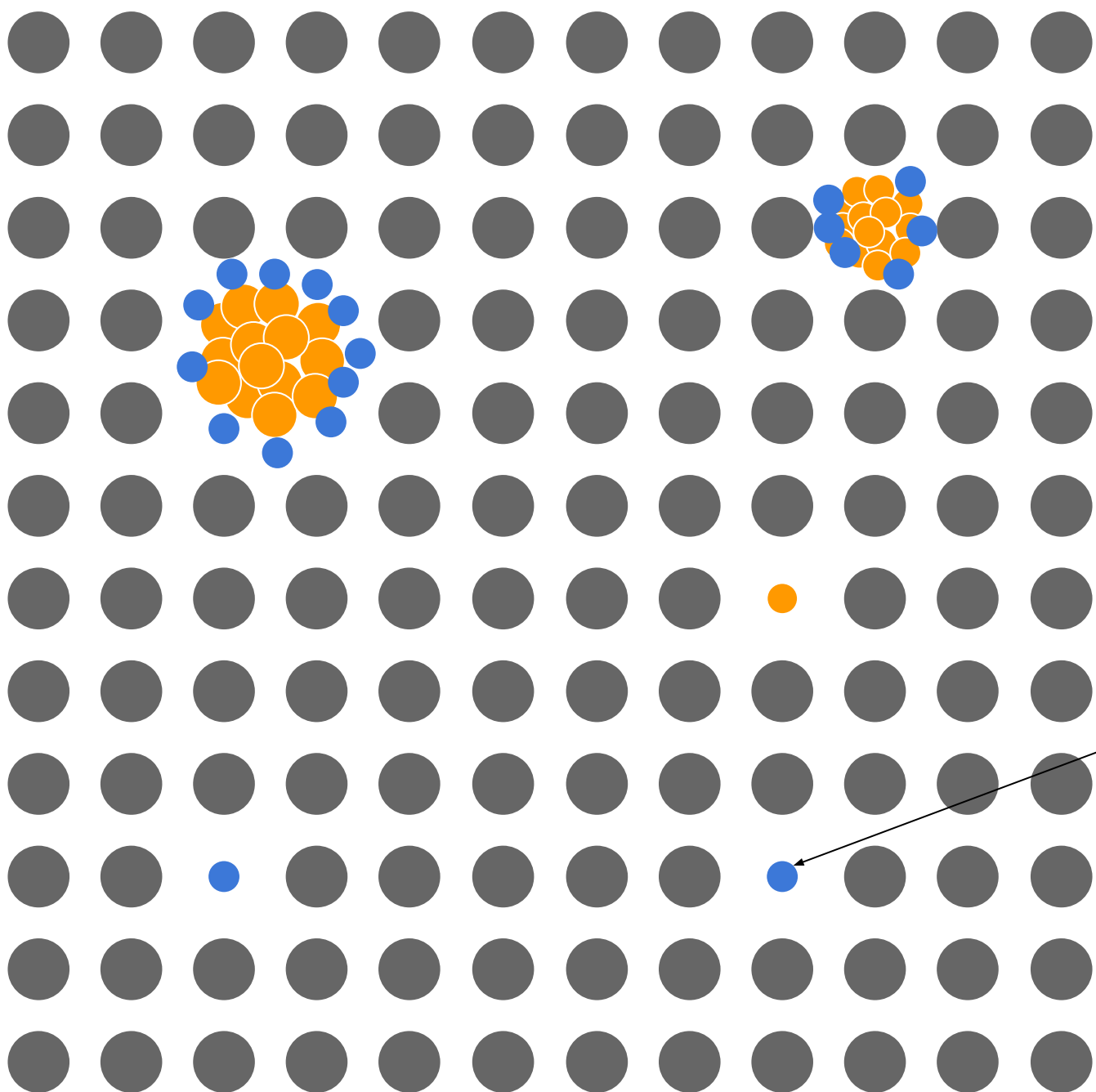


1st deuterium implantation

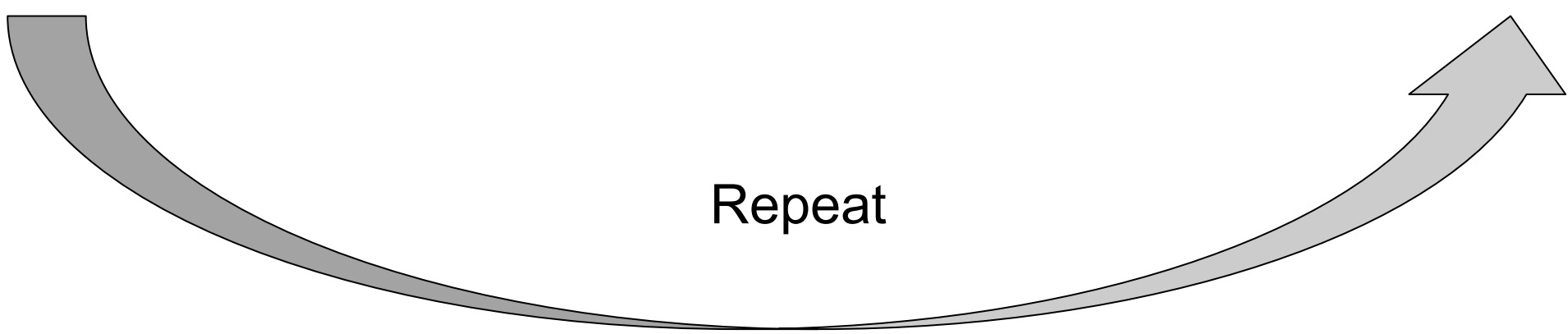


Deuterium trapped around bubbles

2nd deuterium implantation



Deuterium trapped in pre-existing defects



Repeat