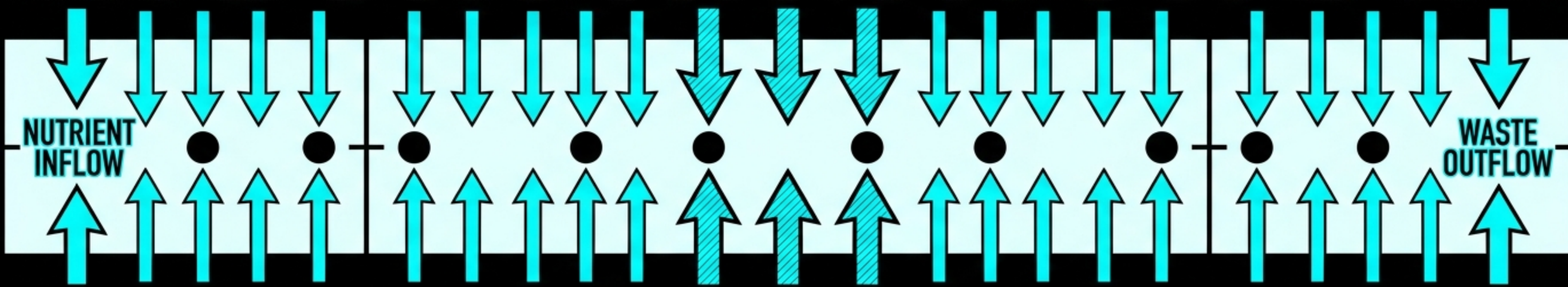


**ELASTIC CARTILAGE RELIES ON THE PERICHONDRIUM.
NUTRIENTS ENTER THROUGH THE SURROUNDING MEMBRANE.
WASTE EXITS THROUGH THE SAME PATHWAYS.
DAMAGE TO THE MEMBRANE STOPS DIFFUSION.
WITHOUT DIFFUSION THE CARTILAGE CELLS DIE.
HEALING IS EXCEPTIONALLY SLOW WITHOUT BLOOD.**



**CHONDROCYTES SURVIVE SOLELY VIA DIFFUSION FROM THE PERICHONDRIUM
MEMBRANE. CARTILAGE HAS NO INTERNAL BLOOD SUPPLY.**