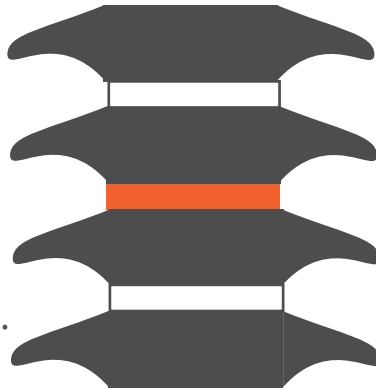


# ARTIFICIAL DISC DISC REPLACEMENT

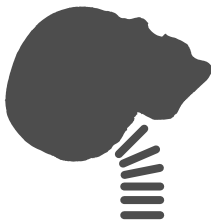
## WHAT IS CERVICAL ARTHROPLASTY?

**CERVICAL ARTHROPLASTY** IS A SURGERY THAT REPLACES A DISC IN THE NECK OR BACK WITH AN ARTIFICIAL DISC.

IT IS AN ALTERNATIVE TO CERVICAL FUSION WHOSE CHEIF BENEFIT IS THE PRESERVATION OF **FULL RANGE OF MOTION** IN THE NECK OR BACK.



THE NECK WILL MAINTAIN ITS NATURAL MOVEMENT IN FLEXION, EXTENSION AND ROTATION. THIS ALSO OFFERS **INSTANT STABILITY** WITHOUT FUSING THE NECK.



## ARTHROPLASTY VS. FUSION



DISC REPLACEMENT IS A **LESS INVASIVE** SURGERY, REDUCING SURGICAL RISKS, PAIN AND BLOOD LOSS

DISC REPLACEMENT RECOVERY TIME IS NEARLY **ONE QUARTER** THAT OF NECK FUSION OPERATION



**25%** OF CERVICAL FUSIONS REQUIRE ANOTHER OPERATION WITHIN **10 YEARS**

MORE INFORMATION AT [WWW.TIMJOHANSMD.COM](http://WWW.TIMJOHANSMD.COM)