

# 3 SPINE

## BalancedBack Total Joint Replacement

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The BalancedBack Total Joint Replacement is the first “total” joint replacement for the lumbar spine and is the first ever system to successfully address the entire lumbar joint as a functional spinal unit. It represents a major advancement in how leg and back pain is treated and follows closely in the footsteps of other total joint replacement procedures, such as hips and knees. The device stabilizes the spine while preserving motion, which may lead to increased functional capacity. The procedure addresses the same pathologies as fusion, but with one important difference: BalancedBack preserves range of motion, natural balance and helps protect adjacent levels from breakdown.

BalancedBack is a motion-sparing lumbar reconstruction that replaces the function of both the intervertebral disc and facet joints and is implanted using a bilateral trans-foraminal (TLIF) approach, following decompression. 89 procedures and a total of 133 spinal levels have been treated with the BalancedBack procedure.

## Technology

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<https://vimeo.com/318571228>

## Outcomes at 1Y

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