



Product sheet:

## Professional LxH Model (PLxH)

### Product Description

This model is our most popular model by far. It is the first model developed by Dynamic Disc Designs and continues to be the most sought after. Slight improvements have occurred over the years (now including scattered nuclear particles to allow better visualization of nuclear shifting dynamics) but the core reason of such popularity rests in the abundance of anatomical features which include: flexible and totally dynamic herniating (or prolapse) nucleus pulposus achieved with a realistic nucleus and annulus, right posterior-lateral radial and circumferential (concentric) fissure, intervertebral disc innervation to outer third of annulus to demonstrate discogenic pain, nerve ingrowth (neo-innervation) to inner two thirds of damaged annulus to help demonstrate chronic pain, partial left posterior-lateral radial tear to help demonstrate the progressive nature of disc herniation and earlier forms of degenerative disc disease, anterior circumferential tear, transparent L4 so you can easily show patients the inner workings of the motion segment, clinic white opaque L5, embedded nuclear structures to demonstrate nuclear shifting dynamics, L5 superior endplate (blue), endplate pores (black), endplate lesion (red), vasculature in L4 vertebral body (red), facet hyaline cartilage (blue), facet subchondrial vascularization (red), facet tropism (L5 inferior).

Detailed cauda equina includes: sensory and motor divisions, dorsal root ganglion, recurrent meningeal, gray rami communicantes, posterior primary division, dura mater, arachnoid sheath, rootlets, properly placed nerve root to accurately demonstrate the most commonly affected nerve with a post-lateral herniated disc. This model also includes a dual laser/light pen to light up and point out anatomy to keep the patient's eye on what you need to show.

### Additional Information

Optional ligamentum flavum, spondylolisthesis and audible release. Audible feature release only available as a single option.



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