The InterFuse S™ spinal implant uses a minimally invasive posterior lumbar interbody fusion approach, but allows for a larger ALIF-sized footprint. This is accomplished through a modular assembly technique, and provides the patient with optimal disc support and reduces the possibility of implant subsidence and migration.

**DEVICE DESCRIPTION:**

The VTI InterFuse S™ is a lumbar implant comprised of a series of 3 to 6 modules, with an implant coverage area ranging from 340 mm² to 715 mm². The InterFuse S is available in seven heights (7 mm, 8 mm, 9 mm, 10 mm, 11 mm, 12 mm, 14 mm), one A-P length (20 mm), and two endplate angles (parallel, 5 degree lordotic angle). The device is supplied in 4-module (ABBC) and single B module packages. The device is supplied STERILE.

The InterFuse S™ is made of radiolucent PEEK-Optima™ to provide structural strength with nearly the same stiffness of cortical bone while maintaining the ability to assess fusion progress radiographically. The InterFuse S incorporates tantalum markers to aid in visualizing the device during intraoperative and postoperative radiographic assessment. The unique rail-and-slot design using stainless steel tails assures proper placement and alignment of each segment. The InterFuse S allows for the use of three to as many as six segments to provide the best fit possible for each individual patient.