

2014

2013-2015

Three [neuromodulation](#) therapies, all using implanted [device](#) and [electrodes](#), have been approved to treat adults with drug-resistant [focal epilepsy](#), namely, the [vagus nerve stimulation for drug-resistant epilepsy](#). in [1995](#), [deep brain stimulation of the anterior nucleus of the thalamus \(ANT-DBS\)](#) in [2018](#) (2010 in Europe), and [responsive neurostimulation \(RNS\)](#) in [2014](#).

Randomized Trial of Unruptured Brain Arteriovenous Malformations ([ARUBA](#)) in [2014](#).

A [VNS](#) Therapy generator model, AspireSR®, was introduced and approved for CE Mark in February [2014](#). In enhancement of former models, the AspireSR incorporated a cardiac-based seizure-detection (CBSD) algorithm that can detect ictal tachycardia and automatically trigger a defined auto-stimulation ¹⁾.

In [1995](#), a multidisciplinary task force from the [North American Spine Society \(NASS\)](#) addressed the deficiencies in commonly used terms defining the conditions of the [lumbar disc](#). It cited several documentations of the problem ^{2) 3) 4) 5) 6) 7)}

The nomenclature and classification of [Lumbar disc](#) pathology consensus, published in [2001](#) by the collaborative efforts of the [North American Spine Society \(NASS\)](#), the American Society of Spine Radiology (ASSR), and the American Society of Neuroradiology (ASNR), has guided radiologists, clinicians, and interested public for more than a decade ⁸⁾ , it was revised in [2014](#) ^{9) 10)}.

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