

Percutaneous Pedicle Screw Systems

Percutaneous [Pedicle Screw Systems](#)

[SEXTANT](#)® system was succeeded by the second-generation

[PathFinder](#)® ([Abbott Spine](#), Austin, TX, USA), [VIPER](#)® ([DePuy Synthes Spine](#), Raynham, MA, USA), [MANTIS](#)® ([Stryker Kalamazoo](#), MI, USA) [SpiRIT](#)® ([Synthes](#), Solothurn, Switzerland), and [Ballista](#)® ([Biomet Spine](#), Broomfield, CO, USA) in 2009; and [ILLICO SE](#)® ([Alphatec Spine](#), Carlsbad, CA, USA) in 2011

Typical third-generation systems include [ES2](#)® ([Stryker](#))

[VIPER 2 X-tab](#)® ([DePuy Synthes Spine](#))

[CD Horizon Solera Voyager spinal system](#)® ([Medtronic](#))

[PRECEPT](#)® ([NuVasive](#), San Diego, CA, USA)

[RELINE](#)® ([NuVasive](#))

[Associa Harp](#)®/[Associa Zique](#)® ([KYOCERA](#), Kyoto, Japan)

[CREO](#)® ([Globus Medical](#), Audubon, PA, USA)

[Saccura](#)® ([Teijin Nakashima Medical](#), Tokyo, Japan)

[IBIS](#)®/[Pisces](#)® ([Japan Medical Dynamic Marketing](#), Tokyo, Japan)

Furthermore, fourth-generation PPS systems that do not require the use of conventional guidewires were introduced from 2019 onwards, including [VIPER PRIME](#)™ System® ([DePuy Synthes Spine](#))

[Voyager ATMAS](#)® ([Medtronic](#)). To date, approximately 30 types of systems have been made available since 2022 when including product revisions

From:

<https://neurosurgerywiki.com/wiki/> - **Neurosurgery Wiki**

Permanent link:

https://neurosurgerywiki.com/wiki/doku.php?id=percutaneous_pedicle_screw_systems

Last update: **2024/06/07 02:48**

