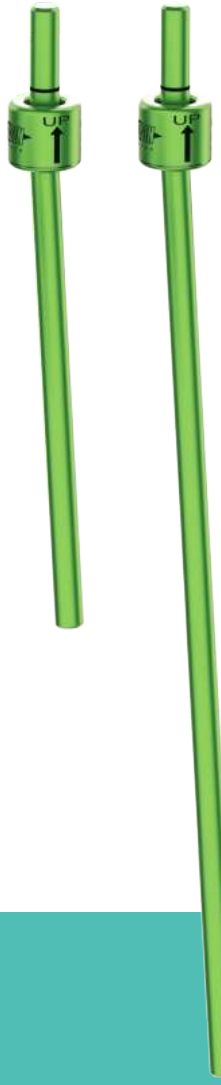
COUSIN SURGERY

BDyn

Posterior Dynamic Stabilization System





SPINAL POSTERIOR DYNAMIC STABILIZATION SYSTEM

- Motion preservation & control
- Dynamic-Fusion combined solution

We care for Surgery

Product Sheet

MADE IN FRANCE
FABRIQUÉ EN FRANCE

BDyn

Posterior Dynamic Stabilization System

BDyn is a dynamic posterior stabilization device for spinal segments from T10 to S1

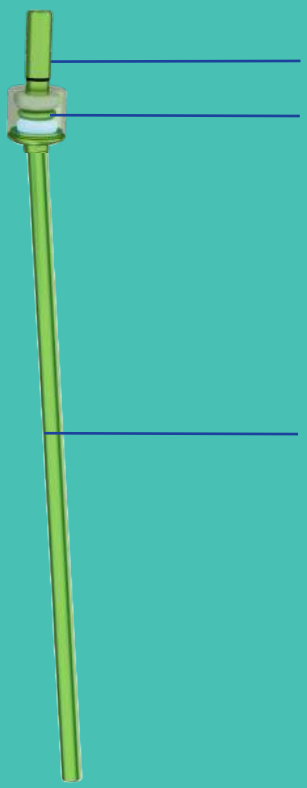


Hybrid rod 3 levels
RCBDYMD55U



Hybrid rod 5 levels
RCBDYLD55U

FEATURES



POLYAXIAL TOP MOTION ROD 14°

LOAD-SHARING SPINAL SUPORT*
PCU based Motion Control Ring &
Silicone Cushion Load Absorber

5.5 mm TITANIUM ROD
Gold standard in spinal fusion

Lordosis Angled Fixed Rod
1-2 level fusion: 10°
1-4 level fusion: 0°

MOTION PRESERVATION & CONTROL

BDyn allows all natural anatomical movements such as flexion/extension, axial rotation and compression as well as lateral bending.

SHOCK ABSORPTION SYSTEM

Silicone cushion helps to decrease intradiscal pressure and to relieve facet loads. Elastomere ring controls hyper mobility and limits extension of the spine segment.*

FUSION-MOTION COMBINED SOLUTION

Beside being a one level motion preservation device, BDyn has also two versions with a longer fusion rods to combine 1 to 4 levels fusion with motion preservation to protect the adjacent segment.

INDICATIONS

- Degenerative intervertebral disc disease and/or articular facets confirmed by further examinations
- Spinal canal stenosis
- Degenerative spondylolisthesis grade 1
- Segmental instability

MATERIAL

- Titanium
- Silicone
- PCU (Polycarbonate Urethane)

REFERENCES

Reference	Length	Diameter
RCBDYMD55U	107 mm (medium)	Ø 5.5
RCBDYLD55U	230 mm (long)	Ø 5.5

*Guérin et al. - Effect of dynamic stabilization system on the segmental motion, intradiscal pressure and facet joint contact forces. An in vitro biomechanical study

BDyn implant is a class III medical device. The CE conformity has been carried out by the notified body SGS Belgium NV (CE1639).
The BDyn instrument kit is composed of class Ir instruments medical devices manufactured by COUSIN BIOTECH S.A.S & Neuro France Implants.
The management system of COUSIN BIOTECH S.A.S is certified for compliance with ISO 13485 standard. Please read carefully the instructions for use before using the device. The IFU is available electronically at: https://www.cousin-biotech.com/en/implant-notices
Reference: FPRBLRGB01 - 06/10/25. Non contractual pictures and texts. Specifications likely to be modified without notice.Cousin Biotech S.A.S capital : 340 656 € • 398 460 261 RCS Lille • N°TVA FR 34 398 460 261

Cousin Biotech is the legal manufacturer of the medical devices proposed by

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