INTERSTIM™ SYSTEMS **COMPARISON TABLES**

Medtronic InterStim™ systems embody decades of innovation, investment, and improvement. See how new SureScan™ systems can benefit your patients and practice.

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		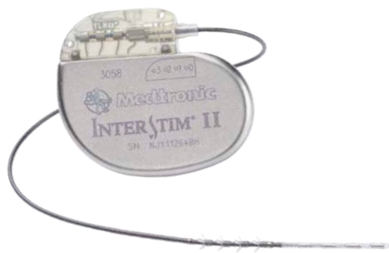	
	LEGACY InterStim™ system	NEW Recharge-free system	NEW Rechargeable system
SYSTEMS			
Indications	Overactive bladder (OAB) Non-obstructive urinary retention (NOUR) Fecal Incontinence (FI)	Overactive bladder (OAB) Non-obstructive urinary retention (NOUR) Fecal Incontinence (FI)	
MRI eligibility	Head-scan Only*	Full-body* 1.5-T and 3-T	
SureScan™ technology	X	√	√
Adaptor 09106 compatibility	√	X Full-body MRI eligibility will be lost	X
TYRX™	√ M size (Bundle code M000002A746)	√ M size (Bundle code M000002A746)	Not yet approved
Revision kit/spare parts	√ 3550-80 (only screw-driver)	√ Revision Kit 3560031	√ Revision Kit 3560031

*Under certain conditions; see approved labeling for details

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		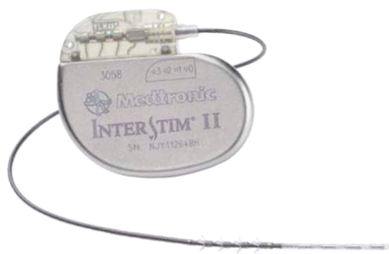	
	LEGACY InterStim™ system	NEW Recharge-free system	NEW Rechargeable system
NEUROSTIMULATORS			
CFN	InterStim™ II 3058 (with Tined-Lead 3889)	InterStim™ II 3058 (with SureScan™ MRI Lead 978B1)	InterStim™ Micro 97810 (with SureScan™ MRI Lead 978A1)
Rechargeable	X	X	✓
Volume (HxLxT)	14cm^3 (44mm x 51mm x 7.7mm)	14cm^3 (44mm x 51mm x 7.7mm)	2.8cm^3 (17mm x 47mm x 5mm)
Weight	22g	22g	7.3g
Battery	**Primary cell** (Lithium HSVO)	**Primary cell** (Lithium HSVO)	**Rechargeable cell** (Medtronic Lithium-ion rechargeable battery with Overdrive™ battery Technology)
Longevity	**4.8-6.3 years**[1,2,3] Depends on parameter settings and amount of use	**4.8-6.3 years**[1,2,3] Depends on parameter settings and amount of use	**15 years** before elective replacement indicator (ERI)
Delivered Energy control	Constant Voltage	Constant Voltage	Constant Current
External Shield	Titanium	Titanium	Titanium
Implant depth	<2.5cm	<2.5cm	<2.5cm

1. Duchalais E, et al. Exhausted implanted pulse generator in sacral nerve stimulation for faecal incontinence: What next in daily practice for patients? Int J Colorectal Dis. 2016; 31(2):439-44.
2. Widmann B, et al. Success and Complication Rates After Sacral Neuromodulation for Fecal Incontinence and Constipation: A Single-center Follow-up Study. J Neurogastroenterol Motil. 2019;25(1):159-170.
3. Medtronic data on file (1-2V, 14Hz, 210uS, bipolar electrode config, and continuous stim)

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		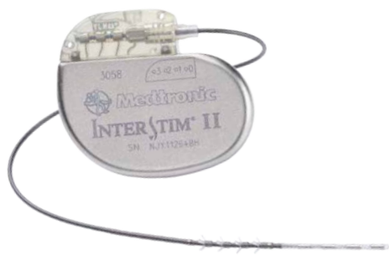	
	LEGACY InterStim™ system	NEW Recharge-free system	NEW Rechargeable system
NEUROSTIMULATORS			
CFN	InterStim™ II 3058 (with Tined-Lead 3889)	InterStim™ II 3058 (with SureScan™ MRI Lead 978B1)	InterStim™ Micro 97810 (with SureScan™ MRI Lead 978A1)
Recharger interface	X	X	✓ RS5200 Recharger Kit with FP9000x Recharge Belt
Programmers	Smart Programmer TH90P02/03 (5 Apps) or Smart Programmer TH90G02/03 (2 Apps) or N' Vision (8840) with iCon® 3037	Smart Programmer TH90P02/03	Smart Programmer TH90P02/03
Apps interfacing with the Neurostimulator	A510 (InterStim™ Clinician Programmer App) A520 (InterStim™ Patient Programmer App)	A510 (InterStim™ Clinician Programmer App) A520 (InterStim™ Patient Programmer App)	A51200 (InterStim™ Micro Clinician Programmer App) A52200 (InterStim™ Micro Patient Programmer App) A90300 (Recharger App)
Number of programs stored on the INS	1 (11 programs are stored in the Smart Programmer)	1 (11 programs are stored in the Smart Programmer)	11

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	LEGACY InterStim™ system	NEW Recharge-free system	NEW Rechargeable system
TINED LEADS			
CFN	Tine-Lead 3889	SureScan™ MRI Lead 978B1	SureScan™ MRI Lead 978A1
Lead lengths and diameter	28, 33 and 41 cm (diameter 1.27 mm)	28, 33 and 41 cm (diameter 1.27 mm)	
Number of electrodes	4 in line	4 in line	
Electrode length and interspacing	3mm (4x) with 3mm interspacing	3mm (4x) with 3mm interspacing	
Lead proximal end (INS side)	In line with 4.32 mm spacing for InterStim™ II neurostimulator	In line with 4.32 mm spacing for InterStim™ II neurostimulator	In line with 2.16 mm spacing For InterStim™ Micro neurostimulator
Pre-inserted stylet	Straight stylet	Bent-tip stylet	
Stylet Handle	Flat/Linear	Finned handle that shows the direction of the lead tip	
Lead body diameter consistency	Slightly narrower at the distal tines	Consistent lead body diameter	
Tines manufacturing technique	Tines glued on individually	Single injection molding of the tines	
Electrodes manufacturing technique	Electrodes glued on	Single injection molding of the electrodes	
Lead body material	Polyurethane	Polyurethane with Tantalum braid for MRI performance	
Connection with the Verify™ ENS	3576 Twist-lock cable (lengths 25cm/64cm) + in-package percutaneous extension	3560022 Percutaneous Extension (length 100cm)	3560030 Percutaneous Extension (length 100cm)
Percutaneous Lead Introducer	External kit - 355018	In-package	

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	Smart Programmer P version	**Smart Programmer** G version	**Enhanced Verify™** Programmer	**iCon®** Patient Programmer	**N'Vision™** Clinician Programmer
CFN	TH90P02 (EU) TH90P03 (UK/Ir)	TH90G02 (EU) TH90G03 (UK/Ir)	HH901A (EU) HH901B (UK/Ir)	3037	8840 (8870NNC02 Flash Card)
Availability	√	√	√	**Phased Out**	**Phased Out**
Patient Use	√	√	√	√	X
Clinician Use	√	√	√	X	√
InterStim™ Apps included	Clinician Programming App – A510 Patient Programmer App – A520 Micro Clinician Programming App – A51200 Micro Patient Programmer App – A52200 Recharger App – A90300	Clinician Programming App – A510 Patient Programmer App – A520	Clinician Programming App – A511 Patient Programmer App – A521	X	X
Interface with Neurostimulators	INS - InterStim™ 3023 INS - InterStim™ II 3058 INS - InterStim™ Micro 97810 ENS - Verify™ ENS 353101	INS - InterStim™ 3023 INS - InterStim™ II 3058 ENS - Verify™ ENS 353101	ENS - Verify™ ENS 353101	INS - InterStim™ 3023 INS - InterStim™ II 3058	INS - InterStim™ 3023 INS - InterStim™ II 3058
Selling Strategy	1 per patient (long-term use)	1 per patient (long-term use)	Multi-user (loaner)	1 per patient	Multi-user (loaner)
Procedural phase	2nd stage or Full system implant	2nd stage or Full system implant	1st stage (AdvancedBasic Evaluation)	2nd stage or Full system implant	2nd stage or Full system implant

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Programs	7x Standard Preset 4x Custom	7x Standard Preset 4x Custom	7x Standard Preset 4x Custom	4x Custom Programs	4x Custom Programs
Defense Grade Security[1]	√	√	√	X	X
MRI Eligibility Status Display	√	√	√	X	X
Clinician Demo Mode	√	√	√	X	√
Patient Use Tutorial	√	√	√	X	X
Wireless Communication[2]	√	√	√	X	X
Report Generation	√	√	√	X	√
RS5200 Recharger Interface	√	X	X	X	X
Case Type	Wallet	Wallet	Soft Shell	Nothing	Soft Shell
Components & Package	**Kit** Handset + Communicator	**Kit** Handset + Communicator	**Stand alone** Handset only	**Stand alone** Programmer only	**Stand alone** Programmer only

1. Samsung Knox is trusted by 29 governments around the world with some of the most stringent information and technology security requirements. Samsung works closely with these organizations on a continuous basis to ensure that products and solutions meet and exceed these requirements.
2. Wireless Communication refers to the connection between the Communicator and the Handset

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See the device manual for detailed information regarding the instructions for use, indications, contraindications, warnings, precautions, and potential adverse events. If using an MRI SureScan® device, see the MRI SureScan® technical manual before performing an MRI. For further information, contact your local Medtronic representative and/or consult the Medtronic website at medtronic.eu website https://europe.medtronic.com/xd-en/index.html

For applicable products, consult instructions for use on http://manuals.medtronic.com/manuals/main/region or www.medtronic.com/manuals.

Manuals can be viewed using a current version of any major internet browser. For best results, use Adobe Acrobat® Reader with the browser.

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Europe
Medtronic International
Trading Sarl
Route du Molliau 31
Case postale
1131 Tolochenaz
Switzerland
Tel: +41 (0) 21 802 70 00
Fax: +41 (0) 21 802 79 00

medtronic.eu

United Kingdom/Ireland
Medtronic Limited
Building 9
Croxley Park
Hatters Lane
Watford, Hertfordshire
WD18 8WW
Tel: +44 (0) 1923 212213
Fax: +44 (0) 1923 241004

medtronic.co.uk