

# Manufacturer Incident Report (MIR) for Serious Incidents (MDR/IVDR) and Incidents (AIMDD/MDD/IVDD) Reporting Template Version 7.2.1 European Union Medical Devices Vigilance System

<b>Section 1: Administrative information</b>			
<b>1.1</b>	<b>Corresponding competent authority</b>		
a	Name of receiving national competent authority (NCA) <input style="width: 95%;" type="text" value="Ministero Della Salute"/>		
b	EUDAMED number of NCA <input style="width: 95%;" type="text"/>		
c	Reference number assigned by NCA for this incident <input style="width: 95%;" type="text" value="Not Known"/>		
d	Reference number assigned by EUDAMED for this incident <input style="width: 95%;" type="text"/>		
<b>1.2 Date, type, and classification of incident report</b>			
a	Date of submission <input style="width: 80%;" type="text" value="2024-02-28"/> (e.g. 2012-10-23)	b	Date of incident (e.g. 2012-10-23) <input style="width: 20%;" type="text" value="2023-01-01"/> to <input style="width: 20%;" type="text" value="2023-01-01"/>
		c	Manufacturer awareness date <input style="width: 20%;" type="text" value="2023-12-30"/> (e.g. 2012-10-23)
d	Type of report <input type="checkbox"/> Initial <input type="checkbox"/> Follow up <input type="checkbox"/> Combined initial and final <input checked="" type="checkbox"/> Final (Reportable incident) <input type="checkbox"/> Final (Non-reportable incident)		
e	In case of initial and follow-up reports, please indicate the expected date of the next report <input style="width: 15%;" type="text"/> (e.g. 2012-10-23)		
f	Classification of incident <input type="checkbox"/> Serious public health threat <input type="checkbox"/> Death <input type="checkbox"/> Unanticipated serious deterioration in state of health <input checked="" type="checkbox"/> All other reportable incidents		
<b>1.3 Submitter information</b>			
<b>1.3.1 Submitter of the report</b>			
a	<input checked="" type="checkbox"/> Manufacturer <input type="checkbox"/> Authorised representative <input type="checkbox"/> Other, please specify <input style="width: 95%;" type="text"/>		
b	Manufacturer's reference number for this incident <input style="width: 95%;" type="text" value="17656065"/>		
c	If this incident involves multiple devices from the same manufacturer, please list the respective reference numbers of the other MIR forms you have submitted - NCA's local reference number <input style="width: 80%;" type="text"/> - EUDAMED's reference number <input style="width: 80%;" type="text"/>		

	- Manufacturer's reference number	<input type="text"/>
d	If this incident is covered under an FSCA, please provide the relevant numbers:	
	- NCA's local FSCA reference number	<input type="text"/>
	- EUDAMED's FSCA reference number	<input type="text"/>
	- Manufacturer's FSCA reference number	<input type="text"/>
e	Periodic Summary Report (PSR) ID	
	<input type="text"/>	
f	If the incident occurred within a PMCF/PMPF investigation; please provide the Eudamed ID of that PMCF/PMPF investigation	
	<input type="text"/>	
<b>1.3.2 Manufacturer information</b>		
a	Manufacturer organisation name	
	<input type="text" value="Boston Scientific Corporation – CRM"/>	
b	Single registration number	
	<input type="text" value="N/A"/>	
c	Contact's first name	d Contact's last name
	<input type="text" value="Rossana"/>	<input type="text" value="Perego"/>
e	Email	f Phone
	<input type="text" value="MILBSCRegulatory@bsci.com, Giovanna.Pira@bsci.com"/>	<input type="text" value="1-651-582-4000"/>
g	Country	
	<input type="text" value="United States"/>	
h	Street	i Street number
	<input type="text" value="Hamline Avenue North"/>	<input type="text" value="4100"/>
j	Address complement	k PO Box
	<input type="text"/>	<input type="text"/>
l	City name	m Postal code
	<input type="text" value="Saint Paul, MN"/>	<input type="text" value="55112"/>
<b>1.3.3 Authorised representative information</b>		
a	Authorised representative organisation name	
	<input type="text" value="Guidant Europe SA/NV- Boston Scientific"/>	
b	Single Registration Number	
	<input type="text" value="N/A"/>	
c	Contact's first name	d Contact's last name
	<input type="text" value="Sophie"/>	<input type="text" value="Vaillot"/>
e	Email	f Phone
	<input type="text" value="sophie.vaillot@bsci.com"/>	<input type="text" value="N/A"/>
g	Country	
	<input type="text" value="Belgium"/>	
h	Street	i Street number
	<input type="text" value="Green Square - Lambroekstraat 5D"/>	<input type="text" value="5D"/>
j	Address complement	k PO Box
	<input type="text"/>	<input type="text"/>
l	City name	m Postal code
	<input type="text" value="Diegem"/>	<input type="text" value="1831"/>

<b>1.3.4 Submitter's details if not also manufacturer or authorised representative</b>			
a	Registered commercial name of company Boston Scientific Corporation – CRM		
b	Contact's first name Rossana	c	Contact's last name Perego
d	Email MILBSCRegulatory@bsci.com, Giovanna.Pira@bsci.com	e	Phone 1-651-582-4000
f	Country United States		
g	Street Hamline Avenue North	h	Street number 4100
i	Address complement	j	PO Box
k	City name Saint Paul, MN	l	Postal code 55112

## Section 2: Medical device information

### 2.1 Unique Device Identification (UDI)

a	UDI device identifier/Eudamed ID 00802526534270	b	UDI production identifier (17)200921(21)214495
c	Basic UDI-DI/Eudamed-DI 0191506000000000000084MY	d	Unit of use UDI-DI NA

### 2.2 Categorisation of device

a	Medical device terminology <input checked="" type="checkbox"/> EMDN <input type="checkbox"/> GMDN <input type="checkbox"/> UMDNS(ECRI) <input type="checkbox"/> GIVD/EDMS <input type="checkbox"/> Other, please specify 
b	Medical device nomenclature code J01050201

### 2.3 Description of device and commercial information

a	Medical device name (brand/trade /proprietary or common name) INOGEN EL ICD DR		
b	Nomenclature text/Description of the device and its intended use Implantable Cardioverter Defibrillator (Non-Crt)		
c	Model D143	d	Catalogue/reference number D143
e	Serial number 214495	f	Lot/batch number 214495
g	Software version	h	Firmware version
i	Device manufacturing date (e.g. 2012-10-23) 2018-09-30	j	Device expiry date (e.g. 2012-10-23) 2020-09-21
k	Date when device was implanted (e.g. 2012-10-23) 2020-03-25 to 2020-03-25	l	Date when device was explanted (e.g. 2012-10-23) to to
m	If precise implant/explant dates are unknown, provide the duration of implantation		

	Number of years <input type="text"/>	Number of months <input type="text"/>	Number of days <input type="text"/>
n	Implant facility <input type="text" value="See Section 3.4"/>	o	Explant facility <input type="text"/>
p	Notified body (NB) ID number(s) (if applicable) 1 <input type="text" value="2797"/> 2 <input type="text"/>	Notified body (NB) certificate number(s) of device (if applicable) <input type="text" value="735821"/> <input type="text"/>	
q	Please indicate the date of <u>one</u> of the following: <ul style="list-style-type: none"> <li><input type="checkbox"/> First declaration of conformity</li> <li><input type="checkbox"/> The device first CE marked</li> <li><input checked="" type="checkbox"/> First placed on the market</li> <li><input type="checkbox"/> First put into service</li> <li><input type="checkbox"/> If software, date first made available</li> </ul> Year <input type="text" value="2021"/> Month <input type="text" value="7"/>		
<b>2.4 Risk class of device when placed on market</b>			
a	<input type="checkbox"/> This device has been placed on the market before the implementation of the MDD/AIMDD/IVDD		
b	<u>MDD/AIMDD</u> <ul style="list-style-type: none"> <li><input type="checkbox"/> active implant</li> <li><input type="checkbox"/> class III</li> <li><input type="checkbox"/> class IIb</li> <li><input type="checkbox"/> class IIa</li> <li><input type="checkbox"/> class I</li> <li><input type="checkbox"/> class Is</li> <li><input type="checkbox"/> class Im</li> <li><input type="checkbox"/> class Ism</li> <li><input type="checkbox"/> custom-made</li> </ul>	<u>IVDD</u> <ul style="list-style-type: none"> <li><input type="checkbox"/> IVD Annex II List A</li> <li><input type="checkbox"/> IVD Annex II List B</li> <li><input type="checkbox"/> IVD devices for self-testing</li> <li><input type="checkbox"/> IVD general</li> </ul>	
c	<u>MDR</u> <ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> class III</li> <li><input type="checkbox"/> class IIb</li> <li><input type="checkbox"/> class IIa</li> <li><input type="checkbox"/> class I</li> </ul>	<u>Type (Multiple choice)</u> <ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> implantable</li> <li><input checked="" type="checkbox"/> active device</li> <li><input type="checkbox"/> intended to administer and/or remove a medicinal product</li> <li><input checked="" type="checkbox"/> sterile conditions</li> <li><input type="checkbox"/> measuring functions</li> <li><input type="checkbox"/> reusable surgical instruments</li> <li><input type="checkbox"/> software</li> <li><input type="checkbox"/> systems</li> <li><input type="checkbox"/> procedure packs</li> <li><input type="checkbox"/> custom-made</li> <li><input type="checkbox"/> non-medical purpose</li> </ul>	<u>IVDR</u> <ul style="list-style-type: none"> <li><input type="checkbox"/> class D</li> <li><input type="checkbox"/> class C</li> <li><input type="checkbox"/> class B</li> <li><input type="checkbox"/> class A</li> </ul>
<b>2.5 Market distribution of device (region/country) (according to the best knowledge of the manufacturer)</b>			
a	<input checked="" type="checkbox"/> All EEA, Switzerland and Turkey <input type="checkbox"/> AT <input type="checkbox"/> BE <input type="checkbox"/> BG <input type="checkbox"/> CH <input type="checkbox"/> CY <input type="checkbox"/> CZ <input type="checkbox"/> DE <input type="checkbox"/> DK <input type="checkbox"/> EE <input type="checkbox"/> ES <input type="checkbox"/> FI <input type="checkbox"/> FR <input type="checkbox"/> GB <input type="checkbox"/> GR <input type="checkbox"/> HR <input type="checkbox"/> HU <input type="checkbox"/> IE <input type="checkbox"/> IS <input type="checkbox"/> IT <input type="checkbox"/> LI <input type="checkbox"/> LT <input type="checkbox"/> LU <input type="checkbox"/> LV <input type="checkbox"/> MT <input type="checkbox"/> NL <input type="checkbox"/> NO <input type="checkbox"/> PL <input type="checkbox"/> PT <input type="checkbox"/> RO <input type="checkbox"/> SE <input type="checkbox"/> SI <input type="checkbox"/> SK <input type="checkbox"/> TR Others: <input type="text"/>		

2.6	Use of accessories, associated devices or other devices
a	Relevant accessories used with the device being reported on (please list with corresponding Manufacturer if different from device being reported on) <input data-bbox="183 253 1449 293" type="text"/>
b	Relevant associated devices used with the device being reported on (please list with corresponding Manufacturer if different from device reported on) <input data-bbox="183 387 1449 450" type="text"/>

### Section 3: Incident information derived from healthcare professional/facility/patient/lay user/other

#### 3.1 Nature of incident

a Provide a comprehensive description of the incident, including (1) what went wrong with the device (if applicable) and (2) a description of the health effects (if applicable), i.e. clinical signs, symptoms, conditions as well as the overall health impact (i.e. Death; life-threatening; hospitalization - initial or prolonged; required intervention to prevent permanent damage; disability or permanent damage; congenital anomaly/Birth defects; indirect harm; no serious outcome)

It was reported that this device exhibited over the past year an increasingly high pacing thresholds from 2.0@0.4ms to 4.0@1ms, RV sensing decreased from 8 mV to about 4 mV, decreasing pacing impedance from 1100 Ohms to 600 Ohms, and shock impedance jumps from 125 Ohms to 140 Ohms. The physician contacted Technical Service (TS) to review device data. TS advised that this could be due to a patient condition. TS however provided recommendations for lead integrity testing, pocket manipulation, X-ray imaging, and sync commanded shocks to verify lead and device integrity and connections. The device remains implanted. No adverse patient effects were reported.

Attempts to obtain the model/serial of the right ventricular (RV) lead and additional information, have been unsuccessful.

#### 3.2 Medical device problem information

a IMDRF Medical device problem codes (Annex A)  
Coding with IMDRF terms is a mandatory requirement.

	Choice 1 (most relevant)	Choice 2	Choice 3	Choice 4	Choice 5	Choice 6
IMDRF 'Medical device problem codes'	Code A070102	Code A072201	Code A0709	Code A072202	Code A1301	Code

If you think the incident is unique and a suitable IMDRF term is missing, briefly explain:

b Number of patients involved

c What is the current location of the device?

- Healthcare facility/carer       Distributor  
 Patient/user                       Discarded  
 In transit to manufacturer       Remains implanted  
 Manufacturer                       Unknown                       Other:

d Operator of device at the time of the incident

- Healthcare professional       Patient/lay user       Other, please describe

e Usage of device (as intended)

- Initial use                               Reuse of a single use medical device  
 Reuse of a reusable medical device       Re-serviced/refurbished/fully refurbished  
 Problem noted prior use                       Other:

f Remedial actions taken by healthcare facility, patient or user subsequent to the incident

See Incident Narrative.

3.3 Patient information																						
a	IMDRF 'Health Effect' terms and codes (Annex E,F) Coding with IMDRF terms is a mandatory requirement.																					
	<table border="1"> <thead> <tr> <th></th> <th>Choice 1 (most relevant)</th> <th>Choice 2</th> <th>Choice 3</th> <th>Choice 4</th> <th>Choice 5</th> <th>Choice 6</th> </tr> </thead> <tbody> <tr> <td>IMDRF 'Clinical signs, symptoms, and conditions codes' (Annex E)</td> <td>Code E2403</td> <td>Code</td> <td>Code</td> <td>Code</td> <td>Code</td> <td>Code</td> </tr> <tr> <td>IMDRF 'Health impact' codes (Annex F)</td> <td>Code F2203</td> <td>Code</td> <td>Code</td> <td>Code</td> <td>Code</td> <td>Code</td> </tr> </tbody> </table>		Choice 1 (most relevant)	Choice 2	Choice 3	Choice 4	Choice 5	Choice 6	IMDRF 'Clinical signs, symptoms, and conditions codes' (Annex E)	Code E2403	Code	Code	Code	Code	Code	IMDRF 'Health impact' codes (Annex F)	Code F2203	Code	Code	Code	Code	Code
		Choice 1 (most relevant)	Choice 2	Choice 3	Choice 4	Choice 5	Choice 6															
	IMDRF 'Clinical signs, symptoms, and conditions codes' (Annex E)	Code E2403	Code	Code	Code	Code	Code															
IMDRF 'Health impact' codes (Annex F)	Code F2203	Code	Code	Code	Code	Code																
If you think the incident is unique and a suitable IMDRF term is missing, briefly explain: <input type="text"/>																						
b	Age of patient at the time of the incident years <input type="text"/> months <input type="text"/> days <input type="text"/>																					
c	Gender <input type="checkbox"/> Female <input type="checkbox"/> Male <input checked="" type="checkbox"/> Unknown <input type="checkbox"/> Not applicable																					
d	Body Weight (kg) <input type="text"/>																					
e	List any of the patient's prior health condition or medication that may be relevant to this incident <input type="text"/>																					
3.4 Initial reporter (can be healthcare professional of facility, patient, lay user)																						
a	Role of initial reporter <input checked="" type="checkbox"/> Healthcare professional <input type="checkbox"/> Patient <input type="checkbox"/> Lay user <input type="checkbox"/> Other, please specify <input type="text"/>																					
b	Name of healthcare facility where incident occurred <input type="text" value="San Marino Hospital"/>																					
c	Healthcare facility report number (if applicable) <input type="text"/>																					
d	<table border="1"> <tr> <td>Contact's first name <input type="text" value="Roberto"/></td> <td>e</td> <td>Contact's last name <input type="text" value="Tomassoni"/></td> </tr> </table>	Contact's first name <input type="text" value="Roberto"/>	e	Contact's last name <input type="text" value="Tomassoni"/>																		
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f	<table border="1"> <tr> <td>Email <input type="text"/></td> <td>g</td> <td>Phone <input type="text" value="+011(378)0549994111"/></td> </tr> </table>	Email <input type="text"/>	g	Phone <input type="text" value="+011(378)0549994111"/>																		
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h	Country <input type="text" value="San Marino"/>																					
i	<table border="1"> <tr> <td>Street <input type="text" value="Via Scialoia 20"/></td> <td>j</td> <td>Street number <input type="text"/></td> </tr> </table>	Street <input type="text" value="Via Scialoia 20"/>	j	Street number <input type="text"/>																		
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m	<table border="1"> <tr> <td>City name <input type="text" value="Borgo Maggiore"/></td> <td>n</td> <td>Postal code <input type="text" value="47893"/></td> </tr> </table>	City name <input type="text" value="Borgo Maggiore"/>	n	Postal code <input type="text" value="47893"/>																		
City name <input type="text" value="Borgo Maggiore"/>	n	Postal code <input type="text" value="47893"/>																				

## Section 4: Manufacturer analysis

### 4.1 Manufacturer's preliminary comments

a For **initial** and **follow-up** reports: preliminary results and conclusions of manufacturer's investigation

N/A

b Initial actions (corrective and/or preventive) implemented by the manufacturer

N/A

c What further investigations do you intend in view of reaching final conclusions?

Boston Scientific will continue to monitor field performance to detect similar events should they occur.

### 4.2 Cause investigation and conclusion

a **For Final (Reportable incident):** Description of the manufacturer's evaluation concerning possible root causes/causative factors and conclusion

Investigation Summary:

Based on the available information, although no product has been returned as it remains in service, we have determined that the clinically observed High Capture Threshold is a known inherent risk with use of this product.

DHR Review:

A review of the Device History Record (DHR) was performed. The review of the DHR identified that there were no process related non-conformances, scrap, or rework performed during the production that could explain the event. The reviews ensure each device meets specification prior to release for use. There is no indication the device manufacturing process contributed to the reported complaint.

Device Technical Analysis:

This device was not returned as it remains implanted and in-service. As such, physical analysis has not been conducted in our laboratory. However, labeling review was conducted. This review determined that the clinically observed High Capture Threshold is a known inherent risk of with use of this product.

Labeling Review:

Review of labeling determined that the complaint situation was listed in the manual. There was no indication in the complaint that the product was not used in accordance to labeling. The manual was unlikely to be the cause of the reported complaint; translation, wording, or graphics does not require further review

b **For Final (Non-reportable incident):** Fill out rationale for why this is considered not reportable

c Is root cause confirmed?

Yes

No

d Has the risk assessment been reviewed?

Yes

No

If 'No', rationale for no review required:

If the risk assessment has been reviewed, is it still adequate?

Yes

No

Results of the assessment:

A Risk Review was completed and confirmed that the event of High Capture Threshold was defined in the risk documentation. This event type has been accounted for during product risk analysis to support acceptable risk benefit for the product.

e IMDRF 'Cause Investigation' terms and codes (Annex B, C, D)

Coding with IMDRF terms is a mandatory requirement.	Choice 1 (most relevant)	Choice 2	Choice 3	Choice 4	Choice 5	Choice 6	Choice 7	Choice 8
IMDRF Cause investigation: Type of investigation (Annex B)	Code B17	Code B14	Code	Code	Code	Code	Code	Code

IMDRF Cause investigation: Investigation findings (Annex C)	Code C20	Code	Code	Code	Code	Code
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IMDRF Cause investigation: Investigation conclusion (Annex D)	Code D12	Code	Code	Code	Code	Code
---	-------------	------	------	------	------	------

If you think the incident is unique and a suitable IMDRF term is missing, briefly explain:

f IMDRF Component codes (Annex G)

Coding with IMDRF terms is a mandatory requirement.

	Choice 1 (most relevant)	Choice 2	Choice 3	Choice 4	Choice 5	Choice 6
IMDRF 'Component' codes (Annex G)	Code G07001	Code	Code	Code	Code	Code

If you think the incident is unique and a suitable IMDRF term is missing, briefly explain:

g Description of remedial action/corrective action/preventive action/field safety corrective action (FSCA)

(For a FSCA, fill in the FSCA form )

N/A

h Time schedule for the implementation of the identified actions

Complete

i	<p>Final comments from the manufacturer on cause investigation and conclusion</p> <p>N/A</p>													
<b>4.3 Similar incidents (for Final (Reportable incident))</b>														
<b>4.3.1 Use of IMDRF terms and codes for identifying similar incidents</b>														
a	<p>Identification of similar incidents using IMDRF Adverse Event Reporting terms and codes Tick-mark which code or combination of codes were used for identifying similar incidents.</p> <table border="1" data-bbox="193 568 1444 685"> <thead> <tr> <th></th> <th>Choice 1</th> </tr> </thead> <tbody> <tr> <td>IMDRF code relating to most relevant 'Medical device problem' (Annex A)</td> <td><input checked="" type="checkbox"/></td> </tr> <tr> <td>IMDRF code relating to most relevant 'Investigation finding' (Annex C, 'Cause investigation')</td> <td><input checked="" type="checkbox"/></td> </tr> </tbody> </table> <p><input type="checkbox"/> Other - enter description of what similar incidents are based on and the rationale why the above IMDRF codes were not used</p> <p></p>		Choice 1	IMDRF code relating to most relevant 'Medical device problem' (Annex A)	<input checked="" type="checkbox"/>	IMDRF code relating to most relevant 'Investigation finding' (Annex C, 'Cause investigation')	<input checked="" type="checkbox"/>							
	Choice 1													
IMDRF code relating to most relevant 'Medical device problem' (Annex A)	<input checked="" type="checkbox"/>													
IMDRF code relating to most relevant 'Investigation finding' (Annex C, 'Cause investigation')	<input checked="" type="checkbox"/>													
<b>4.3.2 Use of in-house terms/codes for identifying similar incidents (only for transition period)</b>														
a	<p>If similar incident were not identified by IMDRF codes but by in-house codes, please provide the codes and terms below.</p> <table border="1" data-bbox="193 1008 1455 1249"> <thead> <tr> <th></th> <th colspan="2">Choice 1</th> </tr> </thead> <tbody> <tr> <td rowspan="2">Code/term for most relevant medical device problem</td> <td>Code</td> <td><input type="text"/></td> </tr> <tr> <td>Term</td> <td><input type="text"/></td> </tr> <tr> <td rowspan="2">Code/term for most relevant root cause evaluation</td> <td>Code</td> <td><input type="text"/></td> </tr> <tr> <td>Term</td> <td><input type="text"/></td> </tr> </tbody> </table> <p><input type="checkbox"/> Other - enter description of what similar incidents are based on and the rationale why the above codes were not used</p> <p></p>		Choice 1		Code/term for most relevant medical device problem	Code	<input type="text"/>	Term	<input type="text"/>	Code/term for most relevant root cause evaluation	Code	<input type="text"/>	Term	<input type="text"/>
	Choice 1													
Code/term for most relevant medical device problem	Code	<input type="text"/>												
	Term	<input type="text"/>												
Code/term for most relevant root cause evaluation	Code	<input type="text"/>												
	Term	<input type="text"/>												
<b>4.3.3 Number of similar incidents and devices on the market</b>														
a	<p>Indicate on which basis similar incidents were identified regarding the device or device variant:</p> <p><input type="checkbox"/> Model      <input type="checkbox"/> Software      <input type="checkbox"/> Lot/Batch      <input checked="" type="checkbox"/> Product platform      <input type="checkbox"/> Other variant</p> <p>Details of the selection made above</p> <p></p>													

**b** Indicate to what criteria the number of devices on the market (also known as denominator data) is based on (tick the most appropriate):

- Devices placed on the market or put into service
- Units distributed within each time period
- Number of tests performed
- Number of episodes of use (for reusable devices)
- Active installed base
- Units distributed from the date of declaration of conformity/CE mark approval to the end date of each time period
- Number of devices implanted
- Other -describe

**c** Enter the number of similar incidents and devices on the market for the indicated time periods  
 You must use yearly time periods unless:  
 A: a different time period has been specified by the European vigilance Working Group  
 B: the device has not been on the European market for more than three years

	Time period (N) Year to date = incident year (e.g. 2012-10-23)		Time period (N-1) calendar year one year before incident (e.g. 2012-10-23)		Time period (N-2) calendar year two years before incident (e.g. 2012-10-23)		Time period (N-3) calendar year three years before incident (e.g. 2012-10-23)	
	Number of similar incidents	Number of devices on market	Number of similar incidents	Number of devices on market	Number of similar incidents	Number of devices on market	Number of similar incidents	Number of devices on market
Start Date	2024-01-01		2023-01-01		2022-01-01		2021-01-01	
End Date	2024-01-31		2023-12-31		2022-12-31		2021-12-31	
Country of incident	1	19	0	19	0	19	0	19
EEA + CH + TR	4	152573	17	152170	14	144648	13	135089
World	7	420923	67	419386	53	397098	489	371760

**d** Comments on how similar incidents and associated number of devices on the market were determined

Please note that all-time sales data was provided for this active implantable device. The use of all-time sales data provides a relevant occurrence rate for active implantable devices, as it accounts for sales volume variability and latent issues that may occur many years post-implant.

## Section 5: General Comments

Local Affiliate Contact Information:  
 Name: Boston Scientific S.p.A.  
 Contact Name: Rossana Perego  
 Address: Viale Forlanini 23  
 City/Postal Code: Milano, 20134  
 Country: Italy  
 Phone Number: +39(02)26983225  
 Fax Number: +39(02)26983230  
 Email: MILBSCRegulatory@bsci.com, Giovanna.Pira@bsci.com

If the device is received for analysis an investigation which involves altering the device will take place. Boston Scientific Corporation will assume destructive analysis can begin unless contacted immediately following submission of this report opposing the analysis.

**Coded summary of report (will be auto populated from previous selections)**

Medical device name INOGEN EL ICD DR																																																															
Basic UDI-DI 0191506000000000000084MY																																																															
UDI device identifier 00802526534270				UDI production identifier (17)200921(21)214495																																																											
<p>IMDRF adverse event reporting terms and codes                  IMDRF=International Medical Device Regulators Forum. Coding with IMDRF terms is a mandatory requirement.</p> <table border="1"> <tr> <td>IMDRF clinical signs, symptoms, conditions codes</td> <td>E2403</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>IMDRF health impact codes</td> <td>F2203</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>IMDRF Medical device problem codes</td> <td>A070102</td> <td>A072201</td> <td>A0709</td> <td>A072202</td> <td>A1301</td> <td></td> <td></td> </tr> <tr> <td>IMDRF Component codes</td> <td>G07001</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>IMDRF Cause investigation: Type of investigation</td> <td>B17</td> <td>B14</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>IMDRF Cause investigation: Investigation findings.</td> <td>C20</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>IMDRF Cause investigation: Investigation conclusion.</td> <td>D12</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table>								IMDRF clinical signs, symptoms, conditions codes	E2403							IMDRF health impact codes	F2203							IMDRF Medical device problem codes	A070102	A072201	A0709	A072202	A1301			IMDRF Component codes	G07001							IMDRF Cause investigation: Type of investigation	B17	B14						IMDRF Cause investigation: Investigation findings.	C20							IMDRF Cause investigation: Investigation conclusion.	D12						
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Submission of this report does not represent a conclusion by the manufacturer and / or authorised representative or the national competent authority that the content of this report is complete or accurate, that the medical device(s) listed failed in any manner and/or that the medical device(s) caused or contributed to the alleged death or deterioration in the state of the health of any person.

I affirm that the information given above is correct to the best of my knowledge.

Before signing and submitting

<input type="button" value="Check the form"/>	<input type="button" value="Save as PDF"/>
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Date 2024-02-28
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Signature/Digital Signature
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Send as XML file	<input type="button" value="Submit XML by Email"/>
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Send as PDF file	<input type="button" value="Submit PDF by Email"/>
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