

REGULATORY GUIDANCE

May 2014

MEDICAL DEVICE GUIDANCE

GN-13: Guidance on the Risk Classification of General Medical Devices

Revision 1.1



PREFACE

R1.1 ► This document is intended to provide general guidance. Although we have tried to ensure that the information contained here is accurate, we do not, however, warrant its accuracy or completeness. The Health Sciences Authority (HSA) accepts no liability for any errors or omissions in this document, or for any action/decision taken or not taken as a result of using this document. The information contained in this document should not be a substitute for professional advice from your own professional and healthcare advisors. < R1.1

1. INTRODUCTION

1.1. Purpose

This document provides guidance to assist product owners to classify medical devices using the appropriate risk-based classification rules.

1.2. Background

Regulatory controls should be proportional to the level of risk associated with a medical device. The level of regulatory control should increase with increasing degree of risk, taking account of the benefits offered by use of the device. Therefore, there is a need to classify medical devices based on their risk to patients, users and other persons

The risk presented by a particular medical device depends substantially on its intended purpose and the effectiveness of the risk management techniques applied during design, manufacture and use.

The risk presented by a medical device also depends, in part, on its intended user(s), its mode of operation, and/or technologies. In general, the risk classification rules are intended to accommodate new technologies.

1.3. Scope

This document is applicable to all device products that fall within the definition of a medical device found in the First Schedule of the Health Products Act 2007 (*Act*), other than those used for *in vitro* examination of specimens derived from the human body. Please refer to the Guidance on the Risk Classification of In Vitro Diagnostic Devices for risk classification of device products used for *in vitro* examination of specimens derived from the human body.

1.4. Definitions

Definitions that do not indicate they are set out in the *Act* and Health Products (Medical Devices) Regulations (*Regulations*) are intended as guidance in this document. These definitions are not taken verbatim from the above legislation and should not be used in any legal context. These definitions are meant to provide guidance in layman terms.

ACTIVE MEDICAL DEVICE: Any medical device, operation of which depends on a source of electrical energy or any source of power other than that directly generated by the human body or gravity and which acts by converting this energy. Medical devices intended to transmit energy, substances or other elements between an active medical device and the patient, without any significant change, are not considered to be active medical devices.

ACTIVE THERAPEUTIC DEVICE: Any active medical device, whether used alone or in combination with other medical devices, to support, modify, replace or restore biological functions or structures with a view to treatment or alleviation of an illness, injury or handicap.

ACTIVE DEVICE INTENDED FOR DIAGNOSIS: Any active medical device, whether used alone or in combination with other medical devices, to supply information for detecting, diagnosing, monitoring or to support in treating physiological conditions, states of health, illnesses or congenital deformities.

BODY ORIFICE: Any natural opening in the body, as well as the external surface of the eyeball, or any permanent artificial opening, such as a stoma or permanent tracheotomy.

CENTRAL CIRCULATORY SYSTEM: For the purpose of this document, central circulatory system means the major internal blood vessels including the following:

- arteriae pulmonales (pulmonary artery);
- aorta ascendens (ascending aorta);

- arteriae coronariae (coronary artery);
- arteria carotis communis (common carotid artery);
- arteria carotis externa (external carotid artery);
- arteria carotis interna (internal carotid artery);
- arteriae cerebrates (cerebella arteries);
- truncus brachicephalicits (brachiocephalic trunk);
- venae cordis (cardiac veins);
- venae pulmonales (pulmonary vein);
- venae cava superior (superior vena cava);
- venae cava inferior (inferior vena cava);
- arcus aorta (aortic arch);
- thoracica aorta (thoracic aorta);
- abdominalis aorta (abdominal aorta);
- ilica communis (common iliac arteries and veins);
- aorta descendens to the bifurcatio aortae. (descending aorta to the bifurcation of aorta)

CENTRAL NERVOUS SYSTEM: For the purpose of this document, central nervous system refers to the brain, meninges and spinal cord.

DURATION OF USE

- TRANSIENT: Normally intended for continuous use for less than 60 minutes.
- SHORT TERM: Normally intended for continuous use for between 60 minutes and 30 days.
- LONG TERM: Normally intended for continuous use for more than 30 days.

NOTE For the purpose of this document, continuous use means:

• the entire duration of use of the medical device without regard to temporary interruption of use during a procedure or, temporary removal for purposes such as cleaning or disinfection of the device; or

• the accumulated use of a medical device that is intended by the product owner to be replaced immediately with another of the same type.

HAZARD: Potential source of harm.

IMMEDIATE DANGER: A situation where the patient is at risk of either losing life or an important physiological function if no immediate preventative measure is taken.

IMPLANTABLE DEVICE: Any medical device, including those that are partially or wholly absorbed, which is intended: -

- to be totally introduced into the human body or,
- to replace an epithelial surface or the surface of the eye,

by surgical intervention which is intended to remain in place after the procedure.

NOTE Any medical device intended for partial introduction into the human body through surgical intervention and intended to remain in place after the procedure for at least 30 days is also considered an implantable device.

INTENDED PURPOSE: The use for which the medical device is intended according to the specifications of its product owner as stated on any or all of the following:

- the label of the medical device;
- the instructions for use of the medical device;
- the promotional materials in relation to the medical device.

INVASIVE DEVICE: A medical device, which, in whole or in part, penetrates inside the body, either through a body orifice or through the surface of the body.

LIFE SUPPORTING OR LIFE SUSTAINING: A medical device that is essential to, or that yields information that is essential to, the restoration or continuation of a bodily function important to the continuation of human life.

MEDICAL DEVICE: means a medical device as described in the First Schedule of the *Act*.

REUSABLE SURGICAL INSTRUMENT: Instrument intended for surgical use by cutting, drilling, sawing, scratching, scraping, clamping, retracting, clipping or other surgical procedures, without connection to any active medical device and which are intended by the product owner to be reused after appropriate procedures for cleaning and/or sterilisation have been carried out.

RISK: Combination of the probability of occurrence of harm and the severity of that harm.

SURGICALLY INVASIVE DEVICE: An invasive medical device that penetrates inside the body through the surface of the body, with the aid or in the context of a surgical operation.

NOTE Medical devices other than those referred to in the previous subparagraph and which produce penetration other than through a natural body orifice, should be treated as surgically invasive devices.

2. FACTORS INFLUENCING MEDICAL DEVICE RISK

CLASSIFICATION

A number of factors, including for example the duration of medical device contact with the body, the degree of invasiveness, whether the medical device delivers medicinal products or energy to the patient, whether they are intended to have a biological effect on the patient and local *versus* systemic effects (e.g. conventional *versus* absorbable sutures) may, alone or in combination, affect medical device risk classification.

If, based on the product owner's intended purpose, two or more risk classification rules apply to the medical device, the medical device is allocated the highest level of risk classification indicated.

Where one medical device is intended to be used together with another medical device, that may or may not be from the same product owner, (e.g. a physiological monitor and a separate recorder, or a general purpose syringe and a syringe driver), the risk classification rules should apply separately to each of the medical devices.

Risk classification of an assemblage of medical devices that individually comply with all regulatory requirements depends on the product owner's purpose in packaging and marketing such a combination of separate medical devices. For example,

- if the combination results in a product that is intended by the product owner to meet a purpose different from that of the individual medical devices that make it up, the combination is a new medical device in its own right and should be classified according to the new intended purpose, or
- if the combination is for the convenience of the user but does not change
 the intended purposes of the individual medical devices that make it up
 (e.g. a customised kit that provides all the medical devices necessary to
 carry out a particular surgical procedure), the risk classification allocated to

the assemblage for the purpose of a Declaration of Conformity should be the same as that of the medical device with the highest risk class included within it.

Accessories intended specifically by product owners to be used together with a 'parent' medical device to enable that medical device to achieve its intended purpose, should be subject to all the regulatory requirements that apply to the medical device itself (e.g. Essential principles for Safety and Performance, Post-Market Surveillance). For risk classification purposes, an accessory may be classified as though it is a medical device in its own right.

Most software is incorporated into the medical device itself, for example embedded software to operate an electrocardiogram. Some software applications are not incorporated (embedded) into the medical device itself, such as software applications to analyse electrocardiogram signals on a computer independent of the electrocardiogram. These are deemed to be standalone software. Such standalone software applications that fall within the scope of the definition for a 'medical device' should be classified as follows:

- where it drives or influences the use of a separate medical device, it should be classified according to the intended purpose of the combination.
- where it is independent of any other medical device, it is classified in its own right using the rules.
- standalone software is deemed to be an active medical device.

3. GENERAL RISK CLASSIFICATION SYSTEM FOR MEDICAL

DEVICES

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Figure 1 indicates the four risk classes of medical devices. The examples given are for illustration only and the product owner must apply the risk classification rules to each medical device according to its intended purpose.

RISK CLASS

A Low Risk Surgical retractors / tongue depressors

B Low-moderate Risk Hypodermic Needles / suction equipment

C Moderate-high Risk Lung ventilator / bone fixation plate

Figure 1: General risk classification system for medical devices

4. THE DETERMINATION OF MEDICAL DEVICE RISK CLASS USING

Heart valves / implantable defibrillator

THE RULES-BASED SYSTEM

High Risk

The product owner should:

- decide if the product concerned is a medical device, using the appropriate definition;
- document the intended purpose of the medical device; and
- take into consideration <u>ALL</u> the rules that follow in order to establish the
 proper risk classification for the device, noting that where a medical device
 has features that place it into more than one risk class, risk classification
 should be based on the <u>HIGHEST</u> risk class indicated.

NOTE Medical devices that are used for the in vitro examination of specimens derived from the human body are not covered by the risk classification rules within this document.

5. RISK CLASSIFICATION RULES

The actual risk classification of each medical device depends on the claims made by the product owner and on its intended purpose. While the provision of illustrative examples in the table that follows is helpful when interpreting the purpose of each rule, it must be emphasised that the actual risk classification of a particular medical device must be considered individually, taking account its design and intended purpose.

RULE	ILLUSTRATIVE EXAMPLES OF DEVICES
	THAT MAY CONFORM WITH A RULE
NON-INVASIVE DEVICES	
Rule 1. All non-invasive	Devices covered by this rule are extremely
devices which come into	claim sensitive.
contact with injured skin:	
- are in Class A if they are	Examples: simple wound dressings; cotton
intended to be used as a	wool.
mechanical barrier, for	
compression or for absorption	
of exudates only, i.e. they heal	
by primary intent;	
- are in Class B if they are	Examples: non-medicated impregnated
intended to be used principally	gauze dressings.
with wounds which have	
breached the dermis, including	
devices principally intended to	
manage the microenvironment	
of a wound.	
Unless they are intended to be	Devices used to treat wounds where the
used principally with wounds	subcutaneous tissue is as least partially
which have breached the	exposed and the edges of the wound are
dermis and can only heal by	not sufficiently close to be pulled together.
secondary intent, in which	To close the wound, new tissue must be

case they are in Class C. formed within the wound prior to external closure. The product owner claims that they promote healing through physical methods other than 'primary intent'. Examples: dressings for chronic ulcerated wounds; dressings for severe burns. Rule 2. ΑII non-invasive Such devices are 'indirectly invasive' in that devices intended they channel or store liquids that will for channelling or storing eventually be delivered into the body (see body liquids or tissues, comment for Rule 4). Examples: administration sets for gravity liquids or infusion; syringes without needles. gases for the purpose of eventual infusion, administration introduction into the body are in Class A, Unless they may be Examples: syringes and administration sets connected to an active medical for infusion pumps; anaesthesia breathing device in Class B or a higher circuits. NOTE: "Connection" to an active device covers class, in which case they are those circumstances where the safety and Class B; performance of the active device is influenced by the non-active device and vice versa. **Unless** they are intended for Examples: blood tubes used for use of transfusion, organ storage containers. channeling blood, or storing or channeling other body liquids, or for storing organs, parts of organs or body tissues, in which case they are Class B.

Unless they are blood bags, in Example: Blood bags that do not which case they are Class C. incorporate an anti-coagulant. Rule ΑII non-invasive Such devices are indirectly invasive in that devices intended for modifying they treat or modify substances that will the biological or chemical eventually be delivered into the body (see composition of note to comment for Rule 4). They are normally used in conjunction with an active blood. device within the scope of either Rule 9 or other body liquids, or 11. other liquids Examples: haemodialysers; devices intended for infusion into the remove white blood cells from whole blood. body are in Class C, NOTE: for the purpose of this part of the rule, 'modification' does not include simple, mechanical filtration or centrifuging which are covered below. Unless the treatment consists Examples: devices to remove carbon of filtration, centrifuging or dioxide; particulate filters in an exchanges of gas or of heat, in extracorporeal circulation system. which case they are in Class В. Rule 4. All other non-invasive These devices either do not touch the devices are in Class A. patient or contact intact skin only. Examples: urine collection bottles: compression hosiery; non-invasive electrodes, hospital beds. **INVASIVE DEVICES** Rule 5. All invasive devices

with respect to body orifices (other than those which are surgically invasive) and which:

 are not intended for connection to an active medical device, or Such devices are invasive in body orifices and are not surgically invasive (refer to definition in Section 4). Devices tend to be diagnostic and therapeutic instruments used in ENT, ophthalmology, dentistry, proctology, urology and gynaecology. Classification depends on the duration of

use and the sensitivity (or vulnerability) of are intended for connection to a Class A medical device the orifice to such invasion. only. - are in Class A if they are Examples: examination gloves; enema intended for transient use; devices. - are in Class B if they are Examples: urinary catheters, tracheal intended for short-term use; tubes. **Unless** they are intended for Examples: dentures intended to be short-term use in the oral removed by the patient; dressings for nose cavity as far as the pharynx, in bleeds. an ear canal up to the ear drum or in a nasal cavity, in which case they are in Class Α, - are in Class C if they are Example: urethral stent; contact lenses for intended for long-term use; long-term continuous use (for this device, removal of the lens for cleaning or maintenance is considered as part of the continuous use). Unless they are intended for Examples: orthodontic wire, fixed dental long-term use in the oral cavity prosthesis. as far as the pharynx, in an ear canal up to the ear-drum or in a nasal cavity and are not liable to be absorbed by the mucous membrane, in which case they are in Class B. All invasive devices with Examples: tracheal tubes connected to a respect to body orifices (other ventilator; suction catheters for stomach than those which are surgically drainage; dental aspirator tips.

invasive.

invasive) that are intended to

be connected to an active

NOTE: independent of the time for which they are

medical device in Class B or a	
higher class, are in Class B.	
Rule 6. All surgically invasive	A majority of such devices fall into several
devices intended for transient	major groups: those that create a conduit
use are in Class B,	through the skin (e.g. syringe needles;
	lancets), surgical instruments (e.g. single-
	use scalpels; surgical staplers; single-use
	aortic punch); surgical gloves; and various
	types of catheter/sucker etc.
	NOTE: a surgical instrument (other than those in
	Class D) is in Class A if reusable and in Class B if
	supplied sterile and intended for single use. Also, a
	surgical instrument connected to an active device is in a higher class than A.
	NOTE: if the device incorporates a medicinal
	substance in a secondary role refer to Rule 13.
Unless they are reusable	Examples: Manually operated surgical drill
surgical instruments, in which	bits and saws.
case they are in Class A; or	
Unless intended to supply	Example: catheter incorporating/containing
energy in the form of ionising	sealed radioisotopes.
radiation, in which case they	
are in Class C; or	
Unless intended to have a	NOTE: the 'biological effect' referred to is an
biological effect or be wholly or	intended one rather than unintentional. The term
mainly absorbed, in which	'absorption' refers to the degradation of a material within the body and the metabolic elimination of the
case they are in Class C; or	resulting degradation products from the body.
	NOTE: this part of the rule does not apply to those
	substances that are excreted without modification
	from the body.
	Example: Insufflation gases for the
	abdominal cavity.
Unless intended to administer	Example: insulin pen for self-
medicinal products by means	administration.

of a delivery system, if this is done in a manner that is potentially hazardous taking account of the mode of application, in which they are in Class C; or NOTE: the term 'administration of medicines' implies storage and/or influencing the rate/volume of medicine delivered not just channelling. The term 'potentially hazardous manner' refers to the characteristics of the device and not the competence of the user.

Unless they are intended specifically for use in direct contact with the central nervous system, in which case they are in Class D; or

Examples: angioplasty balloon catheters and related guide wires; dedicated disposable cardiovascular surgical instruments.

Unless intended specifically to diagnose, monitor or correct a defect of the heart or of the central circulatory system through direct contact with these parts of the body, in which case they are in Class D.

Rule 7. All surgically invasive devices intended for short-term use are in Class B,

Such devices are mostly used in the context of surgery or post-operative care, or are infusion devices, or are catheters of various types.

<u>Examples:</u> infusion cannulae; temporary filling materials; non-absorbable skin closure devices; tissue stabilisers used in cardiac surgery.

NOTE: includes devices that are used during cardiac surgery but do not monitor or correct a defect.

NOTE: if the device incorporates a medicinal substance in a secondary role refer to Rule 13.

Unless they are intended to

NOTE: the term 'administration of medicines' implies storage and/or influencing the rate/volume

administer medicinal products,	of medicine delivered not just channelling.
in which case they are in Class	
C; or	
Unless they are intended to	Example: surgical adhesive.
undergo chemical change in	
the body (except if the devices	
are placed in the teeth), in	
which case they are in Class	
C; or	
Unless they are intended to	Example: brachytherapy device.
supply energy in the form or	
ionising radiation, in which	
case they are in Class C; or	
Unless they are intended to	Example: absorbable suture; biological
have a biological effect or to	adhesive.
be wholly or mainly absorbed,	NOTE: the 'biological effect' referred to is an
in which case they are in Class	intended one rather than unintentional. The term 'absorption' refers to the degradation of a material
D; or	within the body and the metabolic elimination of the
	resulting degradation products from the body.
Unless they are intended	Example: neurological catheter.
specifically for use in direct	
contact with the central	
nervous system, in which case	
they are in Class D;	
Unless they are intended	Examples: cardiovascular catheters;
specifically to diagnose,	temporary pacemaker leads; carotid artery
monitor or correct a defect of	shunts.
the heart or of the central	
circulatory system through	
direct contact with these parts	
of the body, in which case they	
are in Class D.	

Rule 8. All implantable devices,	Most of the devices covered by this rule are
and long-term surgically	implants used in the orthopaedic, dental,
invasive devices, are in Class	ophthalmic and cardiovascular fields.
C,	Example: maxilla-facial implants; prosthetic
	joint replacements; bone cement; non-
	absorbable internal sutures; posts to
	secure teeth to the mandibula bone
	(without a bioactive coating).
	NOTE: if the device incorporates a medicinal
	substance in a secondary role refer to Rule 13.
Unless they are intended to be	Examples: bridges; crowns; dental filling
placed into the teeth, in which	materials.
case they are in Class B; or	
Unless they are intended to be	Examples: prosthetic heart valves; spinal
used in direct contact with the	and vascular stents.
heart, the central circulatory	
system or the central nervous	
system, in which case they are	
in Class D; or	
Unless they are intended to be	
life supporting or life	
sustaining, in which case they	
are in Class D; or	
Unless they are intended to be	Example: pacemakers, their electrodes and
active implantable medical	their leads; implantable defibrillators.
devices, in which case they	
are Class D; or	
Unless they are intended to	Example: implants claimed to be bioactive.
have a biological effect or to	
be wholly or mainly absorbed,	
in which case they are in Class	
D; or	
Unless they are intended to	Example: rechargeable non-active drug
1	i l

administer medicinal products,	delivery system.
in which case they are in Class	
D; or	
Unless they are intended to	
undergo chemical change in the	
body (except if the devices are	
placed in the teeth), in which	
case they are in Class D; or	
Unless they are breast	
implants, in which case they are	
in Class D.	
ACTIVE DEVICES	
Rule 9(i). All active therapeutic	Such devices are mostly electrically
devices intended to administer	powered equipment used in surgery;
or exchange energy are in	devices for specialised treatment and some
Class B,	stimulators.
	Examples: muscle stimulators;
	transcutaneous Electro-Neuro Stimulator
	(TENS) devices; powered dental hand
	pieces; hearing aids; neonatal
	phototherapy equipment; ultrasound
	equipment for physiotherapy.
Unless their characteristics are	Examples: lung ventilators; baby
such that they may administer	incubators; electrosurgical generators;
or exchange energy to or from	external pacemakers and defibrillators;
the human body in a potentially	surgical lasers; lithotriptors; therapeutic X-
hazardous way, including	ray and other sources of ionising radiation.
ionising radiation, taking	NOTE: the term 'potentially hazardous' refers to the
account of the nature, the	type of technology involved and the intended
density and site of application	application.
of the energy, in which case	
they are in Class C.	
Rule 9(ii). All active devices	Examples: external feedback systems for

intended to control or monitor	active therapeutic devices.
the performance of active	
therapeutic devices in Class C,	
or intended directly to	
influence the performance of	
such devices, are in Class C.	
Rule 10(i). Active devices	Such devices include equipment for
intended for diagnosis are in	ultrasonic diagnosis/imaging, capture of
Class B:	physiological signals, interventional
	radiology and diagnostic radiology.
- if they are intended to supply	Examples: magnetic resonance equipment;
energy which will be absorbed	diagnostic ultrasound in non-critical
by the human body (except for	applications; evoked response stimulators.
devices used solely to	
illuminate the patient's body,	
with light in the visible or near	
infra-red spectrum, in which	
case they are Class A), or	
- if they are intended to image	Example: gamma/nuclear cameras.
in vivo distribution of	
radiopharmaceuticals, or	
- if they are intended to allow	Example: electronic thermometers,
direct diagnosis or monitoring	stethoscopes and blood pressure monitors;
of vital physiological	electrocardiographs.
processes,	
Unless they are specifically	
intended for:	
 monitoring of vital physio- 	Example: monitors/alarms for intensive
logical parameters, where	care; biological sensors; oxygen saturation
the nature of variations is	monitors; apnoea monitors.
such that it could result in	
immediate danger to the	
patient, for instance	

variations in cardiac performance, respiration, activity of central nervous system, or

<u>Example:</u> ultrasound equipment for use in interventional cardiac procedures.

 diagnosing in clinical situations where the patient is in immediate danger,

in which case they are in Class C.

<u>Example:</u> these include devices for the control, monitoring or influencing of the emission of ionising radiation.

Rule 10(ii). Active devices intended to emit ionising radiation and intended for and/or diagnostic interventional radiology, including devices which control or monitor such devices, or those which directly influence their performance, are in Class C.

Rule 11. All active devices intended to administer and/or remove medicinal products, body liquids or other substances to or from the body are in Class B,

Such devices are mostly drug delivery systems or anaesthesia equipment.

Examples of Class B devices: suction equipment; feeding pumps; jet injectors for vaccination; nebuliser to be used on conscious and spontaneously breathing patients where failure to deliver the appropriate dosage characteristics is not potentially hazardous.

Unless this is done in a manner that is potentially hazardous, taking account of the nature of the substances involved, of the part of the body concerned and

<u>Examples:</u> infusion pumps; anaesthesia equipment; dialysis equipment; hyperbaric chambers; nebuliser where the failure to deliver the appropriate dosage characteristics could be hazardous.

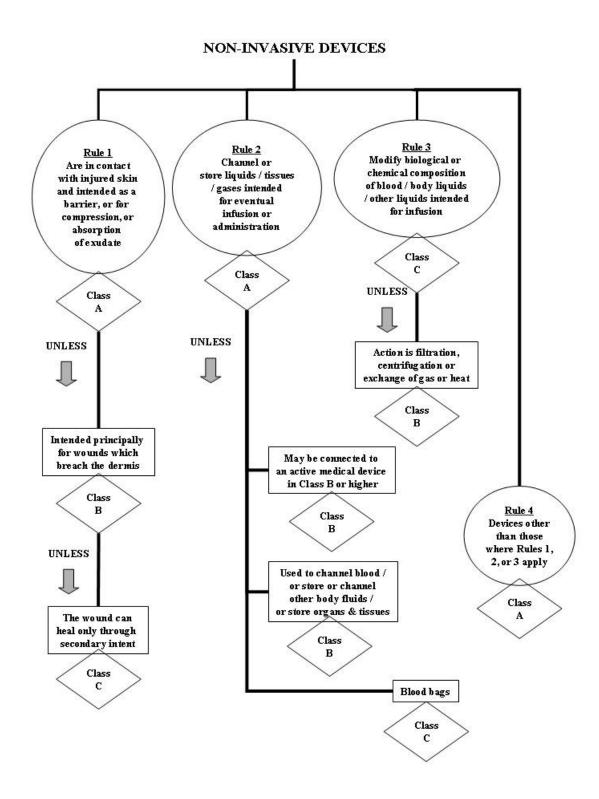
of the mode and route of	
administration, in which case	
they are in Class C.	
Rule 12. All other active	Examples: examination lamps; surgical
devices are in Class A.	microscopes; powered hospital beds &
	wheelchairs; powered equipment for the
	recording, processing, viewing of
	diagnostic images; dental curing lights.
ADDITIONAL RULES	
Rule 13. All devices	These medical devices incorporate
incorporating, as an integral	medicinal substances in an ancillary role.
part, a substance which, if used	Examples: antibiotic bone cements;
separately, can be considered	heparin-coated catheters; wound dressings
to be a medicinal product, and	incorporating antimicrobial agents to
which is liable to act on the	provide ancillary action on the wound;
human body with action	blood bags incorporating an anti-coagulant.
ancillary to that of the devices,	
are in Class D.	
Rule 14. All devices	Examples: porcine heart valves; catgut
manufactured from or	sutures; dermal fillers based on hyaluronic
incorporating	acid derived from bacterial fermentation
• animal or human cells,	processes
tissues and/or derivatives	
thereof, rendered non-	
viable, or	
• cells, tissues and/or	
derivatives of microbial or	
recombinant origin	
are Class D,	
Unless such devices are	Examples: leather components of
manufactured from or	orthopaedic appliances.
incorporate non-viable animal	

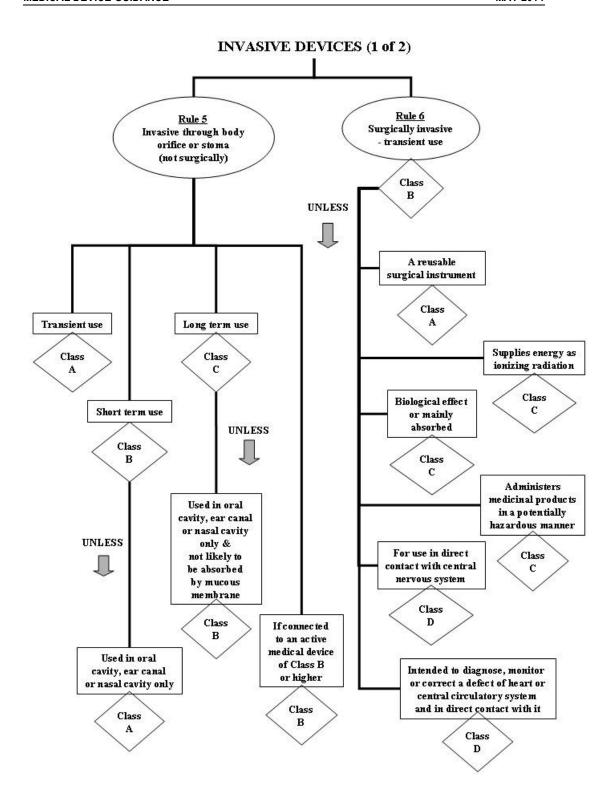
tissues or their derivatives that	
come in contact with intact skin	
only, where they are in Class A.	
Rule 15. All devices intended	Examples: devices for disinfecting or
specifically to be used for	sterilising endoscopes; disinfectants
sterilising medical devices, or	intended to be used with medical devices.
disinfecting as the end point of	NOTE: This rule does not apply to products that are
processing, are in Class C.	intended to clean medical devices by means of physical action e.g. washing machines.
Unless they are intended for	Example: washer disinfectors.
disinfecting medical devices	
prior to end point sterilisation	
or higher level disinfection, in	
which case they are in Class	
B; or	
Unless they are intended	
specifically to be used for	
disinfecting, cleaning, rinsing or,	
when appropriate, hydrating	
contact lenses, in which case	
they are in Class C.	
Rule 16. All devices used for	Examples: condoms; contraceptive
contraception or the prevention	diaphragms.
of the transmission of sexually	
transmitted diseases are in	
Class C,	
Unless they are implantable or	Example: intrauterine contraceptive device.
long-term invasive devices, in	
which case they are in Class D.	

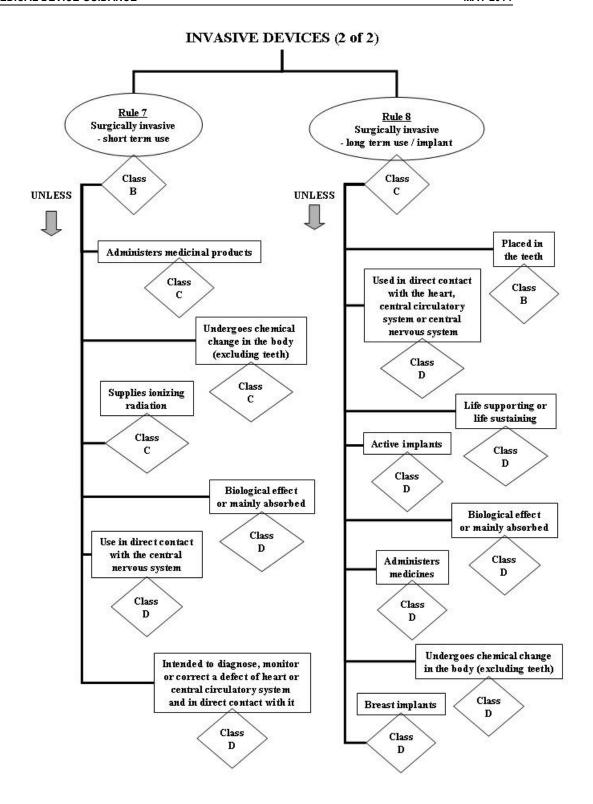
Decision trees illustrating how these rules may be used to classify specific medical devices are shown in **Appendix A**.

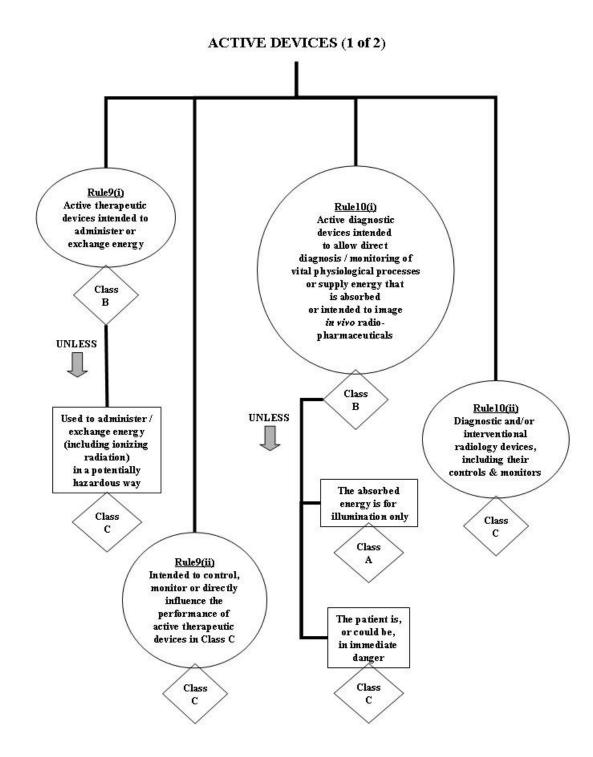
APPENDIX A

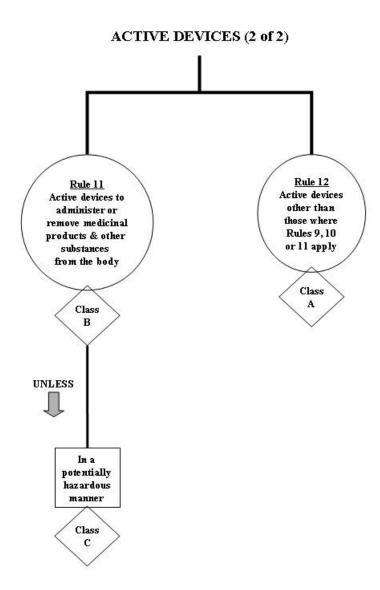
The diagrams that follow are for **illustrative purposes only** and the determination of risk class for a particular medical device should be made through reference to the rules and **not solely the decision trees**. Where a medical device has characteristics that place it into more than one risk class, the final risk classification should be based on the **highest** risk class indicated.

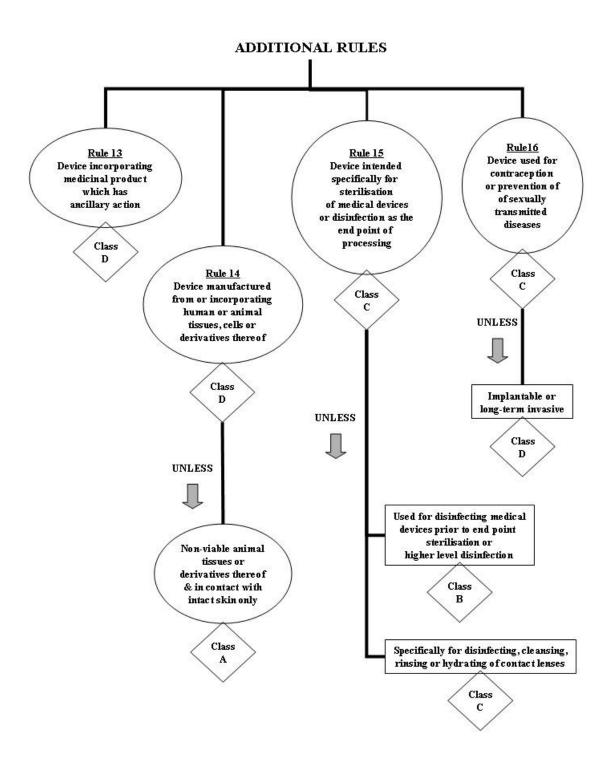














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