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BUREAU OF CUSTOMS

Professionalism Integrity Accountability

November 04, 2020

CUSTOMS MEMORANDUM CIRCULAR
NO. 264 - 2020

To: All Deputy Commissioners
All Service Directors
All District/Port Collectors
All Others Concerned

SUBJECT: **LETTER DATED 29 SEPTEMBER 2020 FROM THE FOOD AND DRUG ADMINISTRATION (FDA) REGARDING THEIR NEW GUIDELINES AND ISSUANCES, INCLUDING THE REQUIRED AUTHORIZATION PRIOR TO THE IMPORTATION OF MEDICAL DEVICES**

Attached hereto is the letter dated 29 September 2020 from **ROLANDO ENRIQUE D. DOMINGO, MD, DPBO,** Director General, FDA regarding the issuance of **FDA Circular No. 2020-001, *"Processing of Initial Implementation of Administrative Order No. 2018-2002: Guidelines Governing the Issuance of an Authorization for a Medical Device Based on the ASEAN Harmonized Technical Requirements"*** signed on 23 January 2020, including the required authorization prior to the importation of medical devices.

The said letter mentions, among others, that the issuance of Certificate of Exemption (COE) for Medical Device and In-Vitro Diagnostic Devices (IVD) that are non-registrable **shall cease**. In lieu of the COE, the License to Operate (LTO) as Medical Device Importer/Distributor of the establishment shall be required during importation.

For your information and guidance.

For records purposes, please confirm the dissemination of this Circular throughout your offices within fifteen (15) days from receipt.

REY LEONARDO B. GUERRERO
Commissioner

NOV 17 2020

BOC-09-16421

South Harbor, Gate 3, Port Area, Manila 1099
Tel. Nos 527-4537, 527-1935
Website: www.customs.gov.ph Email: Boc.cares@customs.gov.ph

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MEMORANDUM

TO : **GLADYS C. CABUGAWAN**
Chief, Central Records Management Service

FROM : **ATTY. YASSER ISMAIL A. ABBAS, CESE**
Director III, Imports and Assessment Service

SUBJECT : **CUSTOMS MEMORANDUM CIRCULAR DATED 4 NOVEMBER 2020**

DATE : **20 November 2020**

Respectfully forwarded the herein 4 November 2020 memorandum RE: LETTER DATED 29 SEPTEMBER 2020 FROM THE FOOD AND DRUG ADMINISTRATION (FDA) REGARDING THEIR NEW GUIDELINES AND ISSUANCES, INCLUDING THE REQUIRED AUTHORIZATION PRIOR TO THE IMPORTATION OF MEDICAL DEVICES signed by the Commissioner of Customs dated 17 November 2020, for numbering and dissemination.

BUREAU OF CUSTOMS
Central Records Mng't Div.
RECEIVED
NOV 20 2020
By: _____ Time: _____

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Republic of the Philippines
Department of Health
FOOD AND DRUG ADMINISTRATION

FDA Food and Drug Administration PHILIPPINES

BOC-09-16421

29 September 2020

BUREAU OF CUSTOMS MESSAGE CENTER RECEIVED OCT 28 2020 MAIL TIME: 1344

REPUBLIC OF THE PHILIPPINES BUREAU OF CUSTOMS BY: OFFICE OF THE DEPUTY COMMISSIONER ASSESSMENT OPERATIONS COORDINATING GROUP RECEIVED 10:27 D. J. ROSETE DATE: 10/28/20

COMMISIONER REY LEONARDO GUERRERO
Bureau of Customs
G/F, OCOM Bldg., 16th Street
South Harbor, Port Area, Manila

Dear Commisioner Guerrero:

This refers to the new guidelines and issuances issued by the Food and Drug Administration specifically in Medical Devices.

With the issuance of FDA Circular No. 2020-001, "Processing of Initial Implementation of Administrative Order No, 2018-0002: Guidelines Governing the Issuance of an Authorization for a Medical Device Based on the ASEAN Harmonized Technical Requirements" signed on 23 January 2020, Issuance of Certificate of Exemption (COE) for Medical Device and In-Vitro Diagnostic Devices (IVD) that are non-registrable shall cease. In lieu of the COE, the License to Operate (LTO) as Medical Device Importer/Distributor of the establishment shall be required during importation.

To summarize, the following are the authorization needed or to be required during importation of medical devices:

A. LTO
a. Importers of Medical Devices and In Vitro Medical Devices, Registrable and Non-Registrable Products
   - The list of Non-Registrable Products is hereby attached.

B. Certificate of Product Registration – ONLY for Registrable Products
a. For Registrable Medical Device Products classified as Class B, Class C and Class D – Refer to Annex of the List of Medical Devices in the FDA Circular No. 2020-001, "Processing of Initial Implementation of Administrative Order No, 2018-0002: Guidelines Governing the Issuance of an Authorization for a Medical Device Based on the ASEAN Harmonized Technical Requirements"
b. For Registrable IVD products - Refer to FDA Memorandum Circular No. 2014-005, "Updated List of Medical Devices Required to be Registered Prior to Sale, Distribution and Use".

C. Certificate of Medical Device Notification (CMDN) – For Class A Medical Devices
   - CMDN is the certification issued for Class A medical devices. COEs issued from 25 February 2014 shall remain valid only until 03

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November 2021. After this date, all Class A should present a CMDN. Attached is the list for Class A medical devices.

D. Special Certification

- Special Certification is being issued for new technologies or new test kits brought about by emerging disease or global outbreak of international and national concern. Please see FDA Memorandum No. 2020-006, "Issuance of Special Certification for Imported Test Kits of COVID -19" for reference.

Thank you for your usual support in ensuring the quality, safety and effectiveness of medical devices.

Very truly yours,

ROLANDO ENRIQUE D. DOMINGO, MD, DPBO
Director General

OFFICE OF THE DIRECTOR
IAS
RECEIVED
By:
Date: 10/30
Time: 10:45

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Republic of the Philippines
Department of Health
FOOD AND DRUG ADMINISTRATION

23 JAN 2020

FDA CIRCULAR
No. 2020-001

TO: **ALL MEDICAL DEVICE MANUFACTURERS, TRADERS, DISTRIBUTORS AND OTHER CONCERNED PARTIES**

SUBJECT: **Initial Implementation of Administrative Order No. 2018-0002 "Guidelines Governing the Issuance of an Authorization for a Medical Device Based on the ASEAN Harmonized Technical Requirements"**

I. BACKGROUND AND RATIONALE

On 25 February 2014 and on 3 June 2015, FDA Memorandum Circular No. 2014-005 and FDA Memorandum Circular No. 2014-005-A were issued respectively, to attain systematic regulation for medical devices. The said FDA issuances provide list of medical devices that are required to be registered prior to sale, distribution and use.

On 21 November 2014, the Philippines, represented by the Secretary of Trade and Industry, together with 9 other ASEAN countries, agreed on a harmonized medical device regulations and common technical documents. Only medical devices which conform to the provisions of the ASEAN Agreement on Medical Device Directive (AMDD) and its Annexes may be placed on the markets of the Member State.

On 26 January 2018, DOH Administrative Order No. 2018-0002 entitled "Guideline Governing the Issuance of an Authorization for a Medical Device based on the ASEAN Harmonized Technical Requirements" was issued to provide guidelines on the documentary requirements for the registration of medical devices and to align the registration requirements to the CSDT (Common Submission Dossier Template) based on the provisions of AMDD.

With the implementation of AO 2018-0002, the FDA through the Center for Device Regulation, Radiation Health and Research (CDRRHR) is also mandated to release list of medical devices per classification based on the classification set forth in the ASEAN AMDD.

In compliance with Section IX of AO 2018-0002 and to implement the initial phase of the implementation of the said policy which covers all registrable products listed in FDA Memorandum Circular No. 2014-005 and FDA Memorandum Circular No. 2014-005-A, this issuance is hereby issued.

This Circular includes modifications in the list of medical devices in FDA Memorandum Circular No. 2014-005 and FDA Memorandum Circular No. 2014-005-A (see Annex A).

II. OBJECTIVE

This issuance aims to provide information regarding the acceptance of applications based on AO 2018-0002, validity of issued Certificate of Exemption (COE), and application fees for identified marketing authorizations. This shall guide establishments engaged in the manufacture, importation, exportation, sale, offer for sale, distribution, donation, transfer, and where applicable, the use, testing, promotion, advertising, or sponsorship of medical devices.

This Circular also aims to provide guidance for the medical device industry and all concerned regarding the classification of medical devices listed in FDA Memorandum Circular No. 2014-005 and FDA Memorandum Circular No. 2014-005-A according to the level of risk as specified below:

Class	Risk Level
A	Low
B	Low-moderate
C	Moderate-high
D	High

III. POLICIES AND GUIDELINES

1. The Center for Device Regulation, Radiation Health, and Research (CDRRHR) shall be accepting applications for the following marketing authorizations

    a. Certificate of Medical Device Registration (CMDR) for medical devices with risk classification of B, C, and D which are included in FDA Memorandum Circular 2014-005 and 2014-005-A (see annex A).

    b. Certificate of Medical Device Notification (CMDN) for all medical devices with risk classification A whether or not included in FDA Memorandum Circular No. 2014-005 and FDA Memorandum Circular No. 2014-005-A.

    c. Certificate of Medical Device Listing (CMDL) for research, clinical trial, exhibit, personal use and/or donated, brand new medical devices.

2. Classification of medical devices that are not included in Annex A shall follow the classification rules of AMDD as stated in item 2 of Section V. General Guidelines of AO 2018-0002.

3. All Certificate of Exemption for Class A medical devices issued from 25 February 2014 shall remain valid only until 03 November 2021 or within 2 years from date of effectivity of this Circular whichever is earlier. This is to give ample time for the industry to apply for CMDN.

4. All Certificates of Product Registration (CPR) that were issued for Class A medical devices shall be deemed equivalent to CMDN only until the validity of the CPR. CMDN shall be issued upon renewal of the issued CPR.

5. The list of in-vitro diagnostic (IVD) medical devices that are registrable in Section B of FDA Memorandum Circular No. 2014-005 remains the same; however, the blood collection tube listed in Section A of the said FDA Memorandum Circular shall be added under the list of IVD since it has been re-classified as in-vitro diagnostic (IVD) medical devices based on the definition of IVD in the ASEAN AMDD.

6. Issuance of COE shall cease. All Class B, C and D medical devices that are not included in item 1.a of this Circular and in-vitro diagnostic (IVD) devices that are not included in FDA Memorandum Circular No. 2014-005 shall be considered non-registrable products. The License to Operate (LTO) of the establishment shall be provided in lieu of the COE at the point of entry and/or as part of bidding requirements.

7. The fees for the following issuances shall be in accordance with Administrative Order No. 50 s. 2001, until such time of modification, supersession, and/or revocation, with the following clarification:

   a. Payment for initial application of CMDN and CMDR is ₱7,500.00 + Legal Research Fee (LRF) based on the current fee for initial registration of ₱1,500.00 + LRF x 5 years validity.

   b. Payments for renewal applications of CMDN and CMDR are ₱5,000.00 + LRF.

   c. Payment for application of CMDL is ₱500.00 + LRF.

   d. LRF is 1% of the filing fee imposed but in no case lower than Ten Pesos (₱10.00), based on FDA Circular No. 2011-003 "Collection of Legal Research Fee Imposed by Republic Act No. 3870, as amended by PD 200 and further Amended by PD 1856".

8. Additional details shall be provided in subsequent issuances regarding the succeeding phases.

IV. PENALTY CLAUSE

Any establishment found to be in violation of the provisions of this issuance shall be subjected to sanctions and penalties as prescribed under RA 9711 and its IRR.

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V. REPEALING CLAUSE

The list in Annex A supersedes the list of medical devices in section A of FDA Memorandum Circular No. 2014-0005 and FDA Memorandum Circular No. 2014-0005-A.

Provisions on previous circulars and memoranda that are inconsistent with this issuance are hereby modified, withdrawn, repealed, and/or revoked accordingly.

VI. SEPARABILITY CLAUSE

If any provision in this Circular, or application of such provision to any circumstances, is held invalid, the remainder of the provisions of this Circular shall not be affected.

VII. EFFECTIVITY

This Circular shall take effect fifteen (15) days after its publication in a newspaper of general circulation and upon acknowledgement of receipt of a copy hereof by the Office of the National Administrative Register.

ROLAND ENRIQUE D. DOMINGO, MD, DBPO
Undersecretary of Health
Officer-in-Charge, Director General

20190212145248

ANNEX A

	LIST OF MEDICAL DEVICE	CLASS
1	ABDOMINAL PAD	A
2	ABSORBABLE HEMOSTATIC AGENTS	
	a. Absorbable Hemostatic Agents Non-Collagen Based	C/D
	b. Absorbable Hemostatic Agents, Collagen Based	C/D
3	ACCESS/INJECTION PORTS	C
4	ACETABULAR	C
5	ADAPTOR/CONNECTOR (ALL TYPES)	A
6	ADHESIVE, ALL TYPES	
	a. Adhesive Tape	A
	b. Adhesive Bandage	A
7	ADMINISTRATION SET, ALL TYPES / DELIVERY SYSTEM	
	a. With needle	B
	b. Without needle	
	b.1. Fluid/Medicine/Parenteral Nutrition	A/B
	b.2. Blood/Body Liquids/Gases	B
8	ANCHOR, PREFORMED	A
9	ANESTHESIA SET	C
10	ANNULOPLASTY RING	D
11	APHERESIS KIT/ CELL SEPARATION KIT	B
12	ARTIFICIAL SALIVA	A
13	BANDAGE	A
	a. All types	A
	b. Self Adhering Wrap	A
14	BASE PASTE	A
15	BIOPSY NEEDLE/INSTRUMENT, ALL TYPES	B
16	BLOOD BAG	C
17	BLOOD TRANSFUSION SET/KIT	B
18	BONE MARROW COLLECTION/ TRANSFUSION KIT	B
19	BONE WAX	C/D
20	BREATHING CIRCUIT	B
21	BURR, DENTAL/SURGICAL/ORTHOPEDIC	A/B
22	CANNULA, ALL TYPES	
	a. Reusable	A
	b. In contact with the CNS[1] and CCS[2]	D
	c. Through body orifice	A,B,C
	d. Short term[3] use, Single use, Disposable use	B
23	CAP (DISINFECTION, SEAL, TAPER, DEAD END)	A
24	CARDIOTOMY RESERVOIR	B
25	CATHETER, ALL TYPES	
	a. Short[3] term use	B
	b. Long[4] term use	C
	c. Through body orifice	A,B,C
	d. In contact with the CNS[1] and CCS[2]	D
26	CAVITY LINER	B
27	CEMENT, DENTAL/BONE	
	a. Cement, Dental	B
	b. Cement, Bone Synthetic	C/D
	c. Cement, Bone Natural	D

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28	CENTRAL VENOUS BLOOD PRESSURE KIT	D
29	CERVICAL COLLAR	A
30	CHEST DRAINAGE KIT	B
31	CLINICAL THERMOMETER	
	a. Active type	B
	b. Analog typte (Execpt merurial type)	A
32	CLIP	
	a. Invasive	C/D
	b. Non-invasive	A
33	CLIP APPLIER	
	a. Reusable	A
	b. Single use	B
34	CLOSURE DEVICE; SKIN STAPLER (INCLUDING REMOVER)	
	a. Non invasve	B
	b. Invasive	C
35	COIL	
	a. Endovascular Coil	C/D
	b. Neurovascular Coil	D
36	COLLAGEN	D
37	CONDOM	
	a. Condom All Types	C
	b. Condom with spermicide	D
	c. Condom - Natural Membrane	D
38	CONICAL/CORNEAL RING SEGMENT	B/C
39	CONTACT LENS SOLUTION	C
40	CONTACT LENS, INCLUDING COSMETIC CONTACT LENSES	B
41	CORSET CAST	A
42	COTTON (medical/hospital use)	
	a. Cotton	A
	b. Paddie, Cottonoid	B
43	CYTOLOGY BRUSH (Biopsy, General & Plastic Surgery)	B
	a. Body orifice	A
	b. Surgically Invasive	B
44	DENTAL RESTORATIVE MATERIAL	B
	a. Filler,agent,tooth bonding	B
	b. Etching Varnish Suspension	A/B
45	DIALYSATE CONCENTRATE FOR HEMODIALYSIS	C
46	DIALYZER	B
47	DIAMOND DISC	A
48	DISINFECTANT OF MEDICAL DEVICES	C
49	DISSECTOR	B
	A. Reusable	A
	B. Single Use	B
50	DRAINAGE POUCHE (ALL TYPES)	A
51	DRESSING	
	a. Dressing	A
	b. Dressing w/ absorbable component	B
	c. Dressing with medicine	D
	d. Dressing with biologic	D
52	DRILL BIT, BONE/SURGICAL	A
53	DRUG DELIVERY EMBOLIZATION SYSTEM	D
54	DRY POWDER INHALER (WITHOUT MEDICINE)	A

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55	EAR WAX REMOVER (NON ACTIVE)	A
56	ELECTRODE NEEDLE/PENCIL (ELECTROSURGICAL)	B
57	EMBOLIC PROTECTIVE DEVICE/SYSTEM	D
58	ENDOSCOPIC HARVESTING INSTRUMENT	
	a. Re-usable	A
	b. Single Use	B
59	EPIDURAL PROBE	B
60	EVACUATOR	A
61	EYE LIGHT SHIELD	A
62	FEEDING SET	
	a. Feeding Set thru body orifice	B
	b. Feeding Set surgically invasive	C
63	FILLER	
	a. Absorbable (All Types)	D
	b. Non Absorbable	C
64	FILTER (to filter bacterial and/or viral cross contamination which will be introduced to the patient)	B
65	FLOWMETER (All Types)	A
66	GASTRIC BAND	C
67	GAUZE	
	a. Gauze	A
	b. Gauze, internal sponge	B
	c. Gauze with medicine	D
	d. Gauze with biologic	D
68	GINGIVA FORMER	B
69	GLOVES	A
	a. Examining, Non-sterile gloves	A
	b. Surgical, Sterile Gloves	B
70	GRAFT	C/D
	a. Absorbable	D
	b. Non-Absorbable	C
71	GUIDEWIRE, GUIDE CATHETER	B
72	HEART VALVE	D
73	IMPLANTABLE DEFIBRILLATOR	D
74	IMPLANTABLE HEARING DEVICE	C
75	IMPLANTABLE LEAD	D
76	IMPLANTABLE PACEMAKERS	D
77	IMPLANTABLE PROSTHESIS	C/D
78	IMPRESSION MATERIAL	A
79	INFLATION DEVICE	A
80	INTRAOCULAR LENS	C
81	INTRAUTERINE CONTRACEPTIVE DEVICE (IUD)	D
82	INTRODUCER	B
83	KNOT PUSHER	
	a. Reusable	A
	b. Single use	B
84	LANCET	B
85	LARYNGEAL MASK	B
86	LUBRICATING GEL/JELLY	
	a. External	A
	b. Internal	A
87	LUER LOCK	A

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88	LUMBAR PUNCTURE TRAY/KIT	C
89	MASK (silicone facemask, full mask, anesthesia, oxygen)	B
90	MOISTURE/LUBRICATING EYEDROP	B
91	NASAL SPRAY (WITHOUT CLAIMS)	A
92	NASOPHARYNGEAL AIRWAY	A
93	NEEDLE (all types) except for tattoo and acupuncture	B
94	NEUROVASCULAR REMODELLING DEVICE	D
95	NON-STEROIDAL CREAM/ SKIN BARRIER (TOPICAL)	B
96	OPHTHALMIC DROP/SOLUTION	B
97	OPHTHALMIC VISCOELASTIC DEVICE	B/D
98	ORTHOPAEDIC WIRE	B/C
99	PEN INJECTOR	A
100	PERCUTAENOUS RETRIEVAL DEVICE	B
101	PLASTER OF PARIS	A
102	PLASTER/PLASTIC STRIP, ALL TYPES.	A
	a. Gauze	A
	b. Gauze, internal sponge	B
	c. Gauze with medicine	D
	d. Gauze with biologic	D
103	RECONSTRUCTION KIT/DEVICE; FIXATION DEVICE	B/C
104	RENAL DILATATION SET	B
105	REVASCULARIZATION DEVICE	D
106	RETRACTOR	
	a. Reusable	A
	b. Single-use	B
107	SCALP VEIN INFUSION SET	B
108	SEALANT	
	a. Wound Sealant	B
	b. From animal source	D
109	SHUNT SYSTEM	
	a. All types, except for CNS[1] and CCS[2]	C
	b. For CNS[1] and CCS[2]	D
110	SILICON OIL IN VIAL FOR OPHTHALMIC USE	C
111	SKIN BARRIER FOR OSTOMY USE	A
112	SKIN TRACTION SYSTEM	A
113	SODIUM HYALURONATE	
	a. Animal source	D
	b. Non animal source	B
114	SPINAL ANAESTHESIA KIT	D
115	SPINE SYSTEM	
	a. Implantable with Direct contact with CNS[1]	D
	b. Implantable	C
	c. External or Non-implantable	A
116	STENT	
	a. Short Term[3] except those touching CNS[1] and CCS[2]	B
	b. Long Term[4] except those touching CNS[1] and CCS[2]	C
	c. Short[3] or Long Term[4] touching CNS[1] and CCS[2]	D
117	STOMA ADHESIVE PROTECTIVE POWDER/WAFER	A
118	STOP COCK	A
119	SURGICAL BLADES, ALL TYPES	
	A. Reusable	A

	B. Single Use	B
120	SURGICAL DRAPE, STERILE	
	a. Drape	A
	b. Drape with Self Retaining Finger Cot	B
121	SURGICAL KNIFE, STERILE	B
122	SURGICAL MESH	C
123	SUTURE (WITH OR WITHOUT NEEDLE)	
	a. Suture, Nonabsorbable, Synthetic	
	a.1 In contact with CNS[1], CCS[2]	D
	a.2 In contact with deep tissue	B
	b. Suture, Absorbable (from animal source)	D
	c. Suture, Absorbable, Synthetic	D
	d. Suture, Dental	B
	e. Suture, Non-absorbable, short-term	B
	f. Suture, Steel	C
124	SUTURE ANCHOR	
	a. Non-absorbable	C
	b. Absorbable	D
125	SYNTHETIC CAST PADDING	A
126	SYRINGE	
	a. Syringe with Needle	B
	b. Syringe without Needle	A
127	TAPE, SURGICAL/MEDICAL	A
128	THROMBECTOMY SET	D
129	TISSUE EXPANDER	
	a. For breast implant	D
	b. Other parts of the body	C
130	TRACHEOSTOMY KIT	B
131	TROCAR SYSTEM	
	a. Single use	B
	b. Reusable	A
132	TUBE, Other Types	A/B
133	UMBILICAL CLAMP	A
134	VASCULAR ACCESS SYSTEM	D
135	VENTICULAR PROBE	D
136	WOUND DRAINAGE KIT	B
137	ALL OTHER IMPLANTABLE MEDICAL DEVICES (IN PARTS OR IN SYSTEM)	
	a. Active Implants	D
	b. Heart Implants	D
	c. Brain Implants	D
	d. Breast Implants	D
	e. Spinal Implants	D
	f. Dental Implants including Abutment	B
	g. Orthopaedic Implants	C
	h. All other implants	C

Footnote :

CNS[1] Central Nervous System - refers to the brain, meninges and spinal cord.

CCS[2] 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 brachiocephalicus (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);
- arteriae ilica communis (common iliac arteries);
- aorta descendens to the bifurcatio aortae (descending aorta to the bifurcation of aorta)

Short term use[3] Normally intended for continuous use for between 60 minutes and 30 days

Long term use[4] Normally intended for continuous use for more than 30 days

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LIST OF EXEMPTED GENERAL MEDICAL DEVICES AND IN VITRO MEDICAL DEVICES
CLINICAL CHEMISTRY AND CLINICAL TOXICOLOGY DEVICES
1-Nitroso-2-Naphthol (Fluorometric), Free Tyrosine
2,4-Dinitrofluorobenzene (Spectroscopic), Nitrogen (Amino-Nitrogen)
2,4-Dinitrophenylhydrazine, Lactate Dehydrogenase
5-Amp-Phosphate Release (Colorimetric Test), 5'- Nucleotidase
5-Fluorouracil Assay
Acetylcholine Chloride, Specific Reagent For Pseudo Cholinesterase
Acid Phosphatase (Prostatic), Tartrate Inhibited
Acid Phosphatase, Beta Glycerophosphate
Acid Phosphatase, Disodium Phenylphosphate
Acid Phosphatase, Naphthyl Phosphate
Acid Phosphatase, Nitrophenylphosphate
Acid Phosphatase, Thymol Blue Monophosphate
Acid Phosphatase, Thymolphthale Inmonophosphate
Acid, Alpha-Ketobutyric And Nadh (U.V.), Hydroxybutyric Dehydrogenase
Acid, Ascorbic, 2,4-Dinitrophenylhydrazine (Spectrophotometric)
Acid, Delta-Aminolevulinic, Ion-Exchange Columns With Colorimetry
Acid, Ferric Ion-Sulfuric, Cholesterol
Acid, Folic, Radioimmunoassay
Acid, Hydroxyazobenzene-Benzoic, Albumin
Acid, Lactic, Enzymatic Method
Acid, Nitrous And Nitrosonaphthol, 5-Hydroxyindole Acetic Acid/Serotonin
Acid, Oxalacetic And Nadh Oxidation (U.V.), Malic Dehydrogenase
Acid, Phosphoric-Tungstic (Spectrophotometric), Chloride
Acid, Pyruvic, Enzymatic (U.V.)
Acid, Trifluoroacetic, Vitamin A, Hexane Extraction
Acid, Uric, Acid Reduction Of Ferric Ion
Acid, Uric, Uricase (Colorimetric)
Acid, Uric, Uricase (Gasometric)
Acid, Uric, Uricase (Oxygen Rate)
Acid, Uric, Uricase (U.V.)
Acid, Vanilmandelic, Diazo, P-Nitroaniline/Vanillin
Acid, Vanilmandelic, Electrophoretic Separation
Adsorbents, Ion-Exchange
Alcohol Control Materials
Alcohol Dehydrogenase, Specific Reagent For Ethanol Enzyme Method
Alizarin Sulfonate, Calcium
Alkaline Picrate, Colorimetry, Creatinine
Alpha-Naphthyl Phosphate, Alkaline Phosphatase Or Isoenzymes
Amikacin Serum Assay
Ammonium Molybdate And Ammonium Vanadate, Phospholipids
Amyloclastic, Amylase
Analyzer, Chemistry (Photometric, Discrete), For Clinical Use
Analyzer, Chemistry (Sequential Multiple, Continuous Flow) Clinical Use
Analyzer, Chemistry, Centrifugal, For Clinical Use
Analyzer, Chemistry, Micro, For Clinical Use
Analyzer, Enzyme, For Clinical Use