

International Regulatory Frameworks for Cell and Gene Therapies

Introduction

Cell and gene therapy products are rapidly entering the global market. These products pose unique regulatory challenges for product developers with respect to meeting regulatory requirements for many regions. In this document the IPRP Cell Therapy and Gene Therapy Working Groups present regulatory frameworks that apply to cell therapies, cell and tissue-based therapies, gene therapies, and tissue engineered products, to assist product developers in accessing global regulatory requirements for cell and gene therapies. This document will be revised as regulatory frameworks evolve. The information contained here is current as of 12 July 2021.

Disclaimer

This document reflects the views of subject matter experts participating in the IPRP Cell Therapy and Gene Therapy Working Groups and should not be construed to represent the official views of any given regulatory authority participating in the IPRP.



| Country | Law/Regulation | Details | Weblinks |
|----------------------|-----------------------|-----------------------|--|
| Regulatory Authority | | | |
| Australia | Therapeutic Goods Act | Biologics- cell and | https://www.legislation.gov.au/Details/C2019C00066 |
| Therapeutic Goods | Therapeutic Goods | gene-modified cells | https://www.legislation.gov.au/Details/F2019C00031 |
| Administration (TGA) | Regulations | | |
| | Standards | Donor screening | https://www.tga.gov.au/therapeutic-goods-orders |
| | | Therapeutic Goods | |
| | | Order (TGO 88) and | |
| | | labelling (TGO 87) | |
| | | standards | |
| | Determination | Excluded cell therapy | https://www.legislation.gov.au/Details/F2021C00176 |
| | | products | |
| | | | |

| Country Regulatory Authority | Law/Regulation | Details | Weblinks |
|----------------------------------|---|---|---|
| Brasil Agência National de | RDC 214/2018 - Good Cell Practices | Requirements for Good Cell Practices | http://antigo.anvisa.gov.br/documents/10181/3078078/%281%2 9RDC+nº+214_2018+-+English.pdf/335b2209-76a6-4813-b4da- |
| Vigilância Sanitâria (ANVISA) | | | <u>3f20d7a5b372</u> |
| | RDC 260/2018 – Clinical Trials for ATMP | Requirements for conducting clinical trials | http://antigo.anvisa.gov.br/documents/10181/3428326/RDC+nº |
| | | with investigational ATMP | <u>+260 2018++English Version.pdf/b45120a2-501f-4c52-be8d-daf777494fd6</u> |
| | RDC 338/2020 – Marketing authorization for ATMP | Requirements for ATMP marketing authorization | http://antigo.anvisa.gov.br/documents/10181/3086545/RDC 33 8 2020 Inglês.pdf/a2f6d2ea-9ec9-4407-b9fa-a77a3d1ca64a |



| Country Regulatory Authority | Law/Regulation | Details | Weblinks |
|---------------------------------|----------------------|------------------------------------|--|
| Canada | Food and Drugs Act | General requirements for cell and | https://laws-lois.justice.gc.ca/eng/acts/F-27/index.html |
| Health Canada | R.S.C., 1985, C. F- | gene therapies. Four sets of | |
| | 27 | regulations relevant to cell and | |
| | | gene therapies. | |
| | | (1) The Food and Drug Regulations | |
| | | (2) The Safety of Human Cells, | |
| | | Tissues and Organs for | |
| | | Transplantation Regulations | |
| | | (3) Medical Device Regulations | |
| | | (4) The Blood Regulations | |
| | (1) Food and Drug | Requirements for clinical | https://laws- |
| | Regulations | investigation and authorization of | lois.justice.gc.ca/eng/regulations/C.R.C., c. 870/index.html |
| | C.R.C., c. 870 | drugs | |
| | | | |
| | (2) Safety of Cells, | CTO Regs apply to all individuals | https://laws-lois.justice.gc.ca/eng/regulations/sor-2007-118/page- |
| | Tissues and Organs | and establishments that handle, | 1.html |
| | for Transplantation | process, distribute or import | |
| | Regulations (CTO) | human organs, or minimally | |
| | | manipulated cells and tissues for | |
| | | homologous use, for | |
| | | transplantation in another | |
| | | individual in Canada. | |
| | (3) Medical Devices | These regulations are relevant as | https://laws-lois.justice.gc.ca/eng/regulations/SOR-98- |
| | Regulations (MDR) | novel processing/manufacturing | 282/index.html |
| | | technologies are increasingly | |
| | | being used to process cells and to | |
| | | manufacture gene and cell | |
| | | therapy products close to the | |
| | | bedside by physicians. Some of | |
| | | these manufacturing technologies | |
| | | have been classified as devices. | |



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|------------------|-------------------------------------|---|
| | Drug-Device Combination Product | 1 10 |
| | - Is a therapeutic product that | https://laws- |
| | combines a drug component and a | lois.justice.gc.ca/eng/regulations/C.R.C., c. 870/index.html |
| | device component (which by | |
| | themselves would be classified as | or |
| | a drug or a device), such that the | |
| | distinctive nature of the drug | https://laws-lois.justice.gc.ca/eng/regulations/SOR-98- |
| | component and device | 282/index.html |
| | component is integrated in a | |
| | singular product. A combination | |
| | product is subject to either the | |
| | Medical Devices Regulations or | |
| | the Food and Drug Regulations | |
| | according to the principal | |
| | mechanism of action by which the | |
| | claimed effect or purpose is | |
| | achieved. | |
| (4) Blood | Blood Regulations are applicable | https://laws-lois.justice.gc.ca/eng/regulations/SOR-2013- |
| Regulations | for blood collected and used in the | 178/index.html |
| | manufacture of an allogeneic drug | |
| | product | |
| (5) Advanced | Advanced Therapeutic Products | https://www.canada.ca/en/health-canada/corporate/about-health- |
| Therapy Products | (ATPs) are drugs and/or devices so | canada/activities-responsibilities/strategies-initiatives/health- |
| Pathway | unique, complex and distinct that | products-food-regulatory-modernization/advanced-therapeutic- |
| Fatilway | our existing regulatory | products.html |
| | frameworks and enforcement | products.ntm |
| | | |
| | tools are not equipped to handle | |
| | them. | |
| | Changes to the Food and Davis | |
| | Changes to the Food and Drugs | |
| | Act in June 2019 enabled Health | |
| | Canada to create a new legislative | |
| | pathway to authorize ATPs. The | |



| use of tailored requirements will address a product's unique characteristics while maintaining Health Canada's high standards for patient safety. A collaborative and iterative approach with a wide variety of stakeholders, upfront and throughout, will be used for the implementation of the ATP pathway. | |
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| Country | Law/Regulation | Details | Weblinks |
|-----------------------|------------------|------------------------------|---|
| Regulatory Authority | | | |
| Chinese Taipei - | Pharmaceutical | Biologics-includes cell and | https://law.moj.gov.tw/ENG/LawClass/LawAll.aspx?pcode=L0030001 |
| Taiwan Food and Drug | Affairs Act | gene therapy products | |
| Administration (TFDA) | Regulations for | Registration for all | https://law.moj.gov.tw/ENG/LawClass/LawAll.aspx?pcode=L0030057 |
| | Registration of | pharmaceutical products, | |
| | Medical Products | including cell and gene | |
| | | therapy products | |
| | Regulation | Includes the regulation for | https://law.moj.gov.tw/LawClass/LawAll.aspx?pcode=L0020075 |
| | Governing the | conducting listed cell | |
| | Application of | therapies at authorized | |
| | Specific Medical | medical institutes (Chapter | |
| | Examination | 2 Section 1, and Table 3; | |
| | Technique and | Chinese version only) | |
| | Medical Device | | |
| | Good Human Cell | Regulate quality and data | https://mohwlaw.mohw.gov.tw/FLAW/FLAWDAT0201.aspx?lsid=FL022759 |
| | and Tissue | integrity of cell processing | |
| | Practice | facility | |



| Country Regulatory Authority | Law/Regulation | Details | Weblinks |
|--|--|--|---|
| European Commission- European Union European Medicines | Regulation 1394/2007 on ATMPs | 'Lex specialis' (only describing what is specific for ATMP) | https://ec.europa.eu/health//sites/health/files/files/eudralex/vol- 1/reg 2007 1394/reg 2007 1394 en.pdf |
| Agency (EMA) | Directive 2001/83/EC Main pharmaceutical legislation Regulation (EC) Regulation on the centralized evaluation procedure and EMA | | https://eur-lex.europa.eu/legal-content/EN/TXT/PDF/?uri=CELEX:02001L0083-20121116&from=EN |
| | | | https://eurlex.europa.eu/LexUriServ/LexUriServ.do?uri=OJ:L:2004:136:000 1:0033:en:PDF |
| | Directive 2009/120/EC | Scientific and technical requirements for ATMPs (dossier requirements) | https://eur- lex.europa.eu/LexUriServ/LexUriServ.do?uri=OJ:L:2009:242:0003:0012:EN: PDF |

| Country Regulatory Authority | Law/Regulation | Details | Weblinks |
|---------------------------------|---------------------------|---------------------------------|---|
| | | | |
| Israel | Public Health Regulations | General provision, includes | https://www.health.gov.il/LegislationLibrary/Briut18.pdf |
| Enforcement and | (clinical trials in human | definitions of clinical trials, | |
| Pharmaceutical Division, | subjects) (1980) | dedicated committees | |
| Ministry of Health | | (including superior | |
| | | committee responsible for | |
| | | genetic issues) | |
| | Pharmacists Ordinance | General provision, includes | https://www.health.gov.il/legislationlibrary/rokhut23.pdf |
| | [New Version], 1981 | definition of medicinal | |
| | | product to include | |
| | | Advanced Therapies | |



| The Pharmacists | General provision, for | https://www.health.gov.il/LegislationLibrary/Rokhut04.pdf |
|----------------------------|------------------------------|---|
| Regulations (Medicinal | licensing, registering and | |
| products) 1986 | renewal of medicinal | |
| | products Marketing | |
| | Authorizations | |
| Pharmacist Regulations | General provision, GMP | https://www.health.gov.il/LegislationLibrary/Rokhut27.pdf |
| (Good Manufacturing | regulation (in accordance | |
| Practice for Medicinal | with EU GMP legislation) | |
| Products) 2008 | | |
| Cord Blood -Law and | For control and licensing of | https://www.health.gov.il/LegislationLibrary/Dam02.pdf |
| Regulation (2012) | public and private Cord | https://www.health.gov.il/LegislationLibrary/Dam01.pdf |
| | Blood Banks | |
| Notice on the approval of | For use of Unlicensed | https://www.health.gov.il/LegislationLibrary/Rokhut31.pdf |
| general director according | medicines, to include | |
| to pharmacist regulation | Hospital Exemption | |
| (2016) | | |

| Country | Law/Regulation | Details | Weblinks |
|----------------------------|-----------------------------------|----------------------------|--|
| Regulatory Authority | | | |
| Japan | Act on Securing Quality, Efficacy | Defines" Regenerative | http://www.japaneselawtranslation.go.jp/law/?re=02 |
| Ministry of Health, Labor | and Safety of Products Including | Medical Products" and | |
| and Welfare/Pharmaceutical | Pharmaceuticals and Medical | allows "conditional and | |
| Medical Devices Agency | Devices (Pharmaceuticals and | time-limited" approval for | |
| (MHLW/PMDA) | Medical Device Act) | some of the products. | |
| | Law concerning the | Regulates manufacture and | https://www.biodic.go.jp/bch/english/law.html |
| | Conservation and Sustainable | use of gene-modified | |
| | Use of Biological Diversity | organisms (before | |
| | through Regulations on the Use | marketing authorization). | |
| | of Living Modified Organisms | | |



| (Cartagena Protocol Domestic Law, Cartagena Law) | | |
|--|---|---|
| Act on Safety of Regenerative Medicine (regulated by MHLW, and PMDA's role is limited to inspection of the structure and equipment of contract CPC | Regulates regenerative medicine in medical practice and cell therapy CPCs outside of PMD Act (ie without intention of | https://www.mhlw.go.jp/english/policy/health-medical/medical-care/ (see the pdf file for Regenerative Medicine) see also Tobita, et al. Regenerative Therapy. 4 (2016) 78e81 (https://doi.org/10.1016/j.reth.2016.04.001) |
| facilities) | product registration for marketing). | |
| Standards for Biological Material (Ministerial Ordinance to supplement PMD Act) | | https://www.pmda.go.jp/files/000223393.pdf |

| Country Regulatory Authority | Law/Regulation | Details | Weblinks |
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| Regulatory Authority Mexico Comision Federal Para La Proteccion Contra Riesgos Sanitarios (COFEPRIS) | General Health Law, Title fourteenth (All title) Main regulation: Art. 314 Definitions Art. 315 Establishment that require license to operate Art.316 Bis 1: Blood and components Art. 318: Embryo and germ cells 321 bis: stem cell donation CHAPTER III BIS Disposition of blood, blood components, human blood | For quality specifications and review procedures for drug substance, drug product and excipients, COFEPRIS can use information from Pharmacopeia from other countries (Regulation for Health products, article 8). COFEPRIS can wield the sanitary control for health products under the terms of the Law, the international instruments | http://www.diputados.gob.mx/LeyesBiblio/pdf mov/Ley Genera L de Salud.pdf Note: The General Health Law and Regulation for Health products are undergoing many changes during this administration. Sometimes the updates are only available in the Official Journal of the Federation: https://www.dof.gob.mx/ COFEPRIS website also provides a specific link for the legal framework: https://www.gob.mx/cofepris/acciones-y-programas/marco-juridico-de-la-cofepris?state=published |
| | products and stem cells. | and other applicable | |



| 2 Bis 3. National | provisions (Regulation for | This link is an unofficial website, COFEPRIS is not responsible for |
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| or Riood Stem cells | the Federal Commission | the content: |
| or brood sterri cells | | https://www.olivares.mx/product-regulation-and-liability-in- |
| | | mexico/ |
| on for Hoalth | * | COFEPRIS website also provides an specific link for the legal |
| | ' | , , |
| | 9 | framework: https://www.gob.mx/cofepris/acciones-y- |
| ii Registry | | programas/marco-juridico-de-la-cofepris?state=published |
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| | Pharmacopeia from other | |
| | countries (Regulation for | |
| | Health products, article 8). | |
| | COFEPRIS can wield the | |
| | sanitary control for health | |
| | products under the terms | |
| | of the Law, the | |
| | international instruments | |
| | and other applicable | |
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| | the Federal Commission | |
| | for protection against | |
| | | |
| 1exican Standard | GMP for medicinal | |
| | | |
| • | - F | |
| • . | | |
| , | II Registry | for protection against sanitary risk). General requirements for the marketing authorization for medicinal products For quality specifications and review procedures for drug substance, drug product and excipients, COFEPRIS can use information from Pharmacopeia from other countries (Regulation for Health products, article 8). COFEPRIS can wield the sanitary control for health products under the terms of the Law, the international instruments and other applicable provisions (Regulation for the Federal Commission for protection against sanitary risk). Mexican Standard O-SSA1-2015, Good turing practices for |



| Country Regulatory Authority | Law/Regulation | Details | Weblinks |
|---|--|--|--|
| Republic of Korea Ministry of Food and Drug Safety (MFDS) | Pharmaceutical Affairs Act | To prescribe matters necessary to deal with pharmaceutical affairs | http://law.go.kr/LSW/eng/engMain.do |
| | Act on the Safety of and Support for Advanced Regenerative Medicine and Advanced Biopharmaceuticals | To prepare concrete procedure and details for the implementation of whole life-cycle safety management for advanced biopharmaceuticals and clinical research on advanced regenerative medicine | http://law.go.kr (English version is not yet available.) |
| | Enforcement Decree of the Safety of and Support for Advanced Regenerative Medicine and Advanced Biopharmaceuticals | To prescribe the matters mandated by the safety of and support for advanced regenerative medicine and advanced biopharmaceuticals Act and those necessary for enforcing said Act affairs. | http://law.go.kr (English version is not yet available.) |
| | Regulation on the Safety of and Support for Advanced Biopharmaceuticals | To prescribe matters delegated by the safety of and support for advanced | http://law.go.kr (English version is not yet available.) |



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| | biopharmaceuticals | |
| | Act and the | |
| | Enforcement Decree of | |
| | the safety of and | |
| | support for advanced | |
| | biopharmaceuticals | |
| | Act and matters | |
| | necessary for their | |
| | enforcement. | |
| Regulation on Approval and | For improvement the | http://law.go.kr (English version is not yet available.) |
| Review of Advanced | efficiency of review | |
| Biopharmaceuticals | and approval | |
| | processes and | |
| | promote the advanced | |
| | biopharmaceutical | |
| | products that have | |
| | been developed using | |
| | new technologies. | |
| Enforcement Decree on the | To prescribe | http://www.mfds.go.kr (Language: English version) |
| Standards of Facilities of | requirements for | Bio&Cosmetics → Regulation → Find #15 |
| Manufacturers and Importers of | facilities of | Ploceosification Regulation Find #15 |
| Medicinal Products etc. | manufacturers and | |
| | importers of medicinal | |
| | products etc. | |
| Enforcement Regulation of the | To prescribe | http://www.mfds.go.kr (Language: English version) |
| Enforcement Decree on the | requirements and | Bio&Cosmetics → Regulation → Find #16 |
| Standards of Facilities of | procedures delegated | |
| Manufacturers and Importers of | by the Enforcement | |
| Medicinal Products etc. | Decree on Standards | |
| | of Facilities of | |
| | Manufacturers and | |
| | Importers of Medicinal | |
| | Products, etc. | |



| Regulation on Safety of Medicinal | To prescribe matters | http://www.mfds.go.kr (Language: English version) |
|-----------------------------------|-------------------------|---|
| Products, etc. | delegated by the | |
| . 1000000, 200. | Pharmaceutical Affairs | Bio&Cosmetics → Regulation → Find #14 |
| | Act and the | |
| | Enforcement Decree of | |
| | the Pharmaceutical | |
| | Affairs Act and matters | |
| | necessary for their | |
| | enforcement. | |
| Regulation on Pharmaceutical | To assure appropriate | http://www.mfds.go.kr (Language: English version) |
| GMP | Pharmaceutical GMP | |
| | by specifying detailed | Bio&Cosmetics → Regulation → Find #18 |
| | requirements for | |
| | enforcement of | |
| | Regulation on Safety of | |
| | Medicinal Products, | |
| | etc and detailed | |
| | requirements for | |
| | expiry period of | |
| | certificate of GMP | |
| | compliance of a | |
| | manufacturer for | |
| | medicinal products | |
| | under application for | |
| | product approval. | |
| Regulation on Approval for | To set force the | http://www.mfds.go.kr (Language: English version) |
| Investigational New Drug | detailed matters | Bio&Cosmetics → Regulation → Find #22 |
| Application of Drugs | regarding the | Ŭ |
| | preparation tip, scope, | |
| | requirement, and | |
| | exemption scope of | |
| | data necessary for IND | |
| | application, approval | |



| Regulation on Fees for Pharmaceutical Approval etc. | procedure, and standard, and to ensure that appropriate measures are used in conjunction with the Investigational new drug (IND) approval processes. | <pre>http://www.mfds.go.kr (Language: English version) Bio&Cosmetics → Regulation → Find #28</pre> |
|---|--|--|
| Regulation on Approval and Review of Biological Products | For improvement the efficiency of review and approval processes and promote the biological products that have been developed using new technologies. | <u>http://www.mfds.go.kr</u> (Language: English version) Bio&Cosmetics → Regulation → Find #32 |
| Korean Pharmacopeia | | <u>http://www.law.go.kr/행정규칙/</u> 대한민국약전/(2019-11,20190228) |

| Country Regulatory Authority | Law/Regulation | Details | Weblinks |
|---------------------------------|----------------------------------|-------------------------------------|-----------------|
| Saudi Arabia | Notification and documentation | This regulation is applied for well | www.sfda.gov.sa |
| Saudi Food and Drug | of proposed clinical trial | established procedures. Clinical | |
| Authority (MENA Region) | /Submission of ddeclaration that | trial applications for | |
| , , | no enrichment or culturing is | Hematopoietic Progenitor Stem | |
| | used during this procedure. | Cell (HPC) Transplantation, and | |



| | Non-Myeloablative Conditioning and Transplantation of Partially HLA-Mismatched and HLA- Matched Bone Marrow followed this regulation. | |
|---|--|--|
| Notification and documentation of proposed clinical trial /Submission of procedural steps | This regulation is applied for clinical trial applications regarding aamniotic membrane harvested from placenta of healthy women delivered by elective cesarean section. | |

| Country Regulatory Authority | Law/Regulation | Details | Weblinks |
|---------------------------------|-------------------------------|--|------------------------------|
| Singapore | Cell, Tissue and Gene Therapy | The regulations cover both lower | https://www.hsa.gov.sg/ctgtp |
| Health Sciences Authority (HSA) | Products (CTGTP) Regulations | risk (minimally manipulated for | |
| | under the Health Products Act | homologous use that are not combined with therapeutic product or medical devices) and higher risk CTGTPs, from clinical trials, registration, manufacture, import, supply to post-market duties and obligations. | |



| Country Regulatory Authority | Law/Regulation | Details | Weblinks |
|---------------------------------|---------------------|--|---|
| Switzerland | Swiss | No marketing authorization but | https://www.swissmedic.ch/swissmedic/en/home/humanarz |
| Swissmedic | Transplantation Act | notification of all activities at Swissmedic | neimittel/besondere-arzneimittelgruppenham-/transplant- |
| | and the Swiss | such as manufacturing, storage, | products.html |
| | Therapeutic | import/export/, wholesale, distribution | |
| | Product Act (TPA) | etc. Applicable only in case the cells and | |
| | | tissue are defined as Transplants – (non- | |
| | | substantial manipulation according EU | |
| | | Regulation ATMP's and homologous use). | |
| | | Some examples: | |
| | | Fat Stems Cells, Stromal Vascular | |
| | | Fraction (from Liposuction without | |
| | | substantial manipulation such for ex. | |
| | | enzymatic digestion or from Devices | |
| | | such as Lipogem etc.) | |
| | | Blood Stem cells from umbilical cord, | |
| | | bone marrow or peripheral blood) | |

| Country | Law/Regulation | Details | Weblinks |
|----------------------|----------------------------|------------------------------|---|
| Regulatory Authority | | | |
| United States | 21 CFR 1271 Tissue | Tissue Rules intended to | https://www.accessdata.fda.gov/scripts/cdrh/cfdocs/cfcfr/cfrsearc |
| Food and Drug | Regulations | prevent the spread of | h.cfm?fr=1271.10 |
| Administration (US | | infectious disease (Donor | |
| FDA) | | eligibility) | |
| | | Applicable to cell therapy, | |
| | | gene therapy, tissue | |
| | | engineered products | |
| | 21 CFR 600 -690 Biological | Applicable to all biologics | https://www.accessdata.fda.gov/scripts/cdrh/cfdocs/cfcfr/CFRSear |
| | License Applications (BLA) | including cell therapy, gene | ch.cfm?CFRPart=600 |
| | Requirements | therapy, tissue engineered | |
| | | products | |



| 21 CFR 312 | Applicable to all biologics | https://www.accessdata.fda.gov/scripts/cdrh/cfdocs/cfCFR/CFRSea |
|----------------------------|------------------------------|---|
| Investigation New Drug | including cell therapy, gene | rch.cfm?CFRPart=312 |
| (IND) Requirements | therapy, tissue engineered | |
| | products | |
| 21 CFR 210 Current Good | Applicable to all biologics | https://www.accessdata.fda.gov/scripts/cdrh/cfdocs/cfcfr/CFRSear |
| Manufacturing Practice in | including cell therapy, gene | ch.cfm?CFRPart=210 |
| Manufacturing, | therapy, tissue engineered | |
| Processing, Packaging, or | products | |
| Holding of Drugs | | |
| 21 CFR 211 Current Good | Applicable to all biologics | https://www.accessdata.fda.gov/scripts/cdrh/cfdocs/cfcfr/CFRSear |
| manufacturing practices | including cell therapy, gene | ch.cfm?CFRPart=211 |
| for finished | therapy, tissue engineered | |
| pharmaceuticals | products | |
| 21 CFR 314.126 Clinical | Applicable to all biologics | https://www.accessdata.fda.gov/scripts/cdrh/cfdocs/cfcfr/cfrsearc |
| Trial Standards | including cell therapy, gene | h.cfm?fr=314.126 |
| | therapy, tissue engineered | |
| | products | |
| 21 CFR 812 Investigational | Applicable to devices | https://www.accessdata.fda.gov/scripts/cdrh/cfdocs/cfcfr/CFRsear |
| Device Exemption (IDE) | | ch.cfm?CFRPart=812 |
| Requirements | | |
| 21 CFR 814 Pre-market | Applicable to devices | https://www.accessdata.fda.gov/scripts/cdrh/cfdocs/cfcfr/CFRsear |
| approval | | ch.cfm?CFRPart=820 |
| (PMA)/Humanitarian | | |
| Device Exemption (HDE) | | |
| Regulations | | |
| 21 CFR 820 Quality | Applicable to devices | https://www.accessdata.fda.gov/scripts/cdrh/cfdocs/cfcfr/CFRsear |
| Systems Regulation/Good | | ch.cfm?CFRPart=820 |
| Manufacturing Practices | | |
| | Applicable to devices | https://www.govinfo.gov/content/pkg/CFR-2015-title21- |
| | | vol8/pdf/CFR-2015-title21-vol8-part807-subpartE.pdf |