

## OFFICE OF FOREIGN ASSETS CONTROL

### The Ukraine-related Sanctions Regulations, 31 C.F.R. Part 589

#### LIST OF MEDICAL SUPPLIES (updated August 12, 2016)

The list below comprises the medical supplies defined in Ukraine General License 4

#### General Medical Equipment and Supplies

- Adhesive designed for human use
- Adhesive remover designed for human use
- Antiseptic wipes for human use (including alcohol, antimicrobial, benzalkonium, betadine, iodine, and witch hazel)
- Beds: hospital beds, cribs, or bassinets; including mattresses, overlays, pillows, and bumpers
- Blood lancets
- Blood pressure monitors, gauges, cuffs, aneroids, or infusors
- Bottles (prescription)
- Cabinets: medical supply or pharmaceutical
- Canes, crutches, walkers, rollators
- Capnographs
- Carts: medical, medical utility, medical supply, food service, or hospital laundry carts
- Catheters – all sizes and types; including kits
- Chairs: exam, treatment, surgical, dental, or phlebotomy
- Clinical basins, bowls, baths, pans, urinals, bags, and buckets; and holding devices for such items
- Clinical swabs, applicators, specimen collectors, sponges, pads, tongue depressors, wooden spoons, cotton balls, or cotton rolls
- Coils, guidewire
- Contraceptives (inter-uterine devices (IUDs), hormonal therapy methods, barrier methods), and condoms
- Continuous positive airway pressure (CPAP) systems and all components
- Ear plugs and muffs
- Ear syringes
- Ear wax removers
- Endoscopic devices including laryngoscopes, laparoscopes, anascopes, proctoscopes, arthroscopes, sinusscopes, dematoscopes, ophthalmoscopes, sigmoidoscopes, otoscopes, retinoscopes, or colposcopes
- Floor mats: safety, anti-fatigue or special-purpose medical floor mats
- Forceps
- Guidewires, all
- Human body or cadaver bags and shrouds
- Human body positioners including pads, wedges, cradles, pillows, rests, straps, supports, and holders

- Human specimen collectors and containers (e.g., urine, blood, tissue)
- Humidifiers
- Hydrocollator heating units
- IV sets, bags, and armboards
- Jars and containers designed for medical supplies and instruments less than 5 L internal volume
- Lights and lamps: surgical, or medical exam, magnifying
- Limb prosthesis devices
- Manikins: medical training, CPR
- Medical bags for medical supplies and equipment; including pre-packed bags
- Medical bandages, gauze, dressings, tape, swabs, sponges, and burn dressings
- Medical carafes, cups, containers and tumblers
- Medical casts, padding; and casting and removal equipment
- Medical defibrillators
- Medical diagnostic kits, point-of-care; including EAR99 reagents
- Medical flowmeters: oxygen & air
- Medical labels, labellers, stickers, forms, charts, signage, tags, cards, tape, wrist bands, documents, brochures, and graphics
- Medical lavage systems
- Medical linens (e.g., blankets, sheets, pillow cases, towels, washcloths, drapes, covers)
- Medical penlights
- Medical pumps
- Medical scissors
- Medical tubing or hoses less than 2" diameter; including associated adaptors, connectors, caps, clamps, retainers, brackets, valves, washers, vents, stopcocks, or flow sensors; and peristaltic pumps with flowrates of less than 600 liters/hr for such tubing (note: does not include tubing made of butyl rubber or greater than 35% fluoropolymers)
- Medicine cups
- Monitor for glucose management
- Non-electronic patient medical record file systems and organizers
- Orthopedic supports, braces, wraps, shoes, boots, or pads
- Orthopedic traction devices and tables
- Otology sponges
- Oxygen apparatus, all
- Paraffin baths
- Patient heating and cooling devices: pads, packs, bottles, bags, warmers, blankets, patches, lamps, bags
- Patient safety devices including vests, aprons, finger mitts, limb or body holders, jackets, belts, restraints, cuffs, straps, or protectors
- Patient transfer chairs, lifts, benches, boards, slides, discs, slings, and sheets
- Patient vital-sign monitoring devices
- Patient wheelchairs, chairs, gurneys, stretchers, mats, and cots
- Privacy screens and curtains
- Pulse oximeters

- Reflex hammers
- Refrigerator: compartmental for morgues
- Safety poles, rails, handles, benches, grab bars, commode aids, and shower aids
- Scales, stadiometers, rulers, sticks, tapes, protractors, volumeters, gauges, or callipers designed for human measurement
- Single-use medical procedure trays and kits
- Speculums
- Spirometers
- Splints
- Stands: IV, instrument, solution, or hamper
- Stethoscopes
- Stools: designed for clinical use
- Surgical sutures and staples; and removal kits
- Syringes, aspirators, cannulas, and needles – all sizes and types; including kits
- Tables: operating, exam, therapy, overbed, treatment, medical utility, or medical instrument
- Telemetry pouches designed for human use
- Tents: pediatric, aerosol, and mist
- Thermometers for measuring human body temperature
- Tourniquets
- Ventilator: adult and tubing and accessories
- Warmers: bottle, gel, lotion, or blanket

### **Anaesthesiology**

- Air bags and tidal volume bags
- Air bellows
- Anaesthesia circuits
- Anaesthesia machines, vaporizers, nebulizers, and inhalers designed for individual human use
- Anaesthesia masks (including laryngeal)
- Anti-siphon equipment
- Block and epidural trays packaged for individual use
- Endotrach tubes
- Head straps and harnesses
- Hyperinflation systems
- In-line filters and cartridges, thermometers, CO<sub>2</sub> detectors, sodalime canisters, and temperature and moisture exchangers (note: gas mask canisters, other than sodalime canisters designed for anaesthesia systems, require a specific license)
- Intubation sets, probes and related equipment
- Anaesthesiometers
- Oral airways
- Peripheral nerve stimulators
- Anaesthesia pressure tubes and controllers

- Cardiopulmonary resuscitation (CPR) training manikins and lung bags
- Vibration dampening mounts

### **Apparel**

- Medical gowns, scrubs, aprons, uniforms, lab coats, and coveralls; only those without integrated hoods
- Patient clothing including gowns, slippers, underpads, or undergarments
- Head or beard covers and nets
- Medical shoe and boot covers
- Surgical sleeve protectors
- Ventilated Safety eyeshields and goggles (does not include full face shield or indirectly-vented goggles)
- Disposable latex, nitrile, polyethylene, vinyl gloves/finger cots or other medical gloves
- Surgical face or dust masks (does not include masks with respirators)

### **Cardiology**

- Ablation devices
- Balloons extractor, retrieval
- Cardiac monitors: implantable or external
- Cardiac pacemakers
- Cardiac programmers
- Cardiopulmonary oxygenation systems, devices, and monitors
- Coagulation machines
- Electrocardiography machines
- Filters: arterial
- Grafts: peripheral bypass
- Heart positioners: surgical revascularization
- Heart valves: surgical, transcatheter (non-surgical)
- Inflation devices: interventional

### **Dental equipment and supplies**

- Bone graft matrices
- Dental and oral implants or devices
- Dental instrument cases, trays, mats or tray liners, racks, covers, wraps, stands, holders, stringers, or protectors
- Dental instruments – all types and sizes
- Denture and temporary oral device containers
- Dentures, crowns, molds, orthodontics, all
- Tooth and denture brushes
- Yankauers

## **Gynecology & Urology**

- Bladder control pads, briefs, liners, underwear, pants and diapers
- Bladder scanners
- Enema sets
- Extracorporeal lithotripters
- Fecal/stool management devices, kits, and catheters
- Feminine hygiene products
- Pouches, urostomy

## **Inherited Preventative Care**

- Genetic testing products

## **Laboratory**

- Autoclaves (20 liters or smaller only) for medical instrument sterilization and accessories
- Automated blood culture systems
- Automated clinical chemistry analyzers for patient care
- Bench-top dry bath incubators
- Clinical immunoassay analyzers
- Clinical laboratory water baths less than 10 liter
- Coagulation analyzers
- Co-oximeters for haemoglobin analysis
- Electrolyte analyzers
- Flow cytometry accessories, reagents, and components
- Hematology analyzers
- Histology and cytology strainers and tissue baths
- Laboratory balances and scales not to exceed 10 Kg
- Laboratory hot plates with less than 1.0 sq. ft. heating surface
- Laboratory pH meter (with or without temperature probe)
- Light microscopes
- Luminometers
- Medical bone densitometers
- Medical differential counters
- Medical refrigerators and freezers with less than 5.0 cu. ft. internal volume
- Medical specimen centrifuges
- Microplate readers/washers
- Osmometers
- Patient blood gas analyzers
- Pipettes
- Spectrophotometers, photometers, and colorimeters designed for clinical use
- Urinalysis analyzers

## **Nephrology**

- Hemodialysis machines; and dialysis filters designed for such machines (Note: Other dialysis equipment, filters, and parts not used for hemodialysis require a specific license and may be controlled under 15 CFR, part. 774, supp. 1, ECCN 2B352.d)
- Hemodialysis connection or tubing kits

## **Neurology**

- Electroencephalography machines
- Neurostimulators, implantable

## **Obstetrics and Maternity Care**

- Assisted reproductive technology and related equipment
- Incubators/Isolettes
- Infant radiant warmer and parts and accessories
- Neonatal equipment (phototherapy, nasal CPAP, etc. and all components)
- Umbilical cord clamps
- Ventilator: infant/pediatric and tubing and accessories

## **Ophthalmology and Optometry**

- Contact Lens cleaning solutions
- Contact Lenses, corrective
- Eyecharts
- Glasses, corrective
- Phoropters
- Tonometers
- Vision/Optometry related machines and supplies

## **Otology and Neurotology**

- Hearing aids, accessories, and components

## **Physical and Occupational Therapy**

- Aquatic floats and training devices
- Balance pads, platforms, and beams
- Bath cubes, therapy
- Boots, mitts, and liners for therapeutic pain relief
- Cognitive measuring devices and equipment
- Dining aids
- Electrotherapy, muscle stimulators, and tens units
- Ergometers

- Exercise bars
- Exercise table
- Fine motor assessment equipment designed for human use
- Goniometers
- Hand bars
- Hydraulic dynamometer
- Manipulation boards
- Massaging equipment
- Mat Platforms
- Medical Whirlpools
- Mobility platforms, parallel bars, ladders, stairs
- Orthopedic shoes, boots, etc.
- Parallel bars
- Pedometers
- Protective headgear
- Rehabilitation exercise, weights, band, balls, boards, and mobility equipment
- Rulonmeters
- Scoliometer
- Tactile sensation, sensitization, and desensitization equipment
- Therapeutic putty
- Ultrasound stimulators

### **Radiology**

- Computer tomography scanners (CT, MDCT)
- Contrasting agents, both injectable or non-injectable
- Magnetic resonance imaging (MRI) machines
- Medical ultrasound machines
- Medical/Dental film
- Nuclear medicine imaging machines
- Positron Emission Tomography (PET)
- PET cyclotron machines
- PET radiopharmaceutical tracer machines, including cassettes
- Scintillation Camera/Anger cameras for medical imaging
- Single Photon Emission Computed Tomography (SPECT) machines
- X-ray machines, including mammography machines
- Parts and accessories for medical imaging devices above that do not contain nuclear or chemical components

### **Sterilization**

- Aseptic, germicidal, or disinfectant wipes or clothes for medical equipment, devices or furniture
- Ready-to-use disinfectant in 32 oz. containers or less

- Aseptic, germicidal, or medical-grade soap, detergent, pre-soak, or rinse in 1 gallon containers or less
- Hand sanitizer, lotion, soap, scrub, wash, gel, or foam; including dispensing devices
- Medical cleaning brushes for equipment, patients, and furniture
- Sterilization or disinfection indicator strips, tape, or test packs
- Medical instrument sterilization pouches, mats, protector guards, or tubing
- Sterilization containers or cases less than 0.3 cu. ft.
- Autoclaves with chamber size less than 0.3 cu. ft.; including trays, containers, cassettes, cases, and filters for such systems.

### **Surgery**

- Blood transfusion equipment
- Cervical fusion kits
- Chest drains
- Cosmetic or reconstructive implants (jaw implants, breast implants, skin grafts)
- Electrosurgery devices and supporting equipment
- Lubricant specially-formulated for surgical equipment in 1 gallon containers or less
- Orthopedic plates/screws, fixators, implants, cement
- Stents – all types and sizes
- Stockinettes
- Surgical case carts
- Surgical clean-up kits
- Surgical clips
- Surgical imaging machines; including image-guiding surgery products, ear, nose and throat
- Surgical instrument cases, trays, mats or tray liners, racks, covers, wraps, stands, holders, stringers, or protectors
- Surgical instruments – all types and sizes
- Surgical linens, drapes, or covers
- Surgical mesh
- Surgical shunts
- Surgical smoke evacuators and specialized supporting equipment
- Tissue stabilizers, surgical revascularizations
- Wound drainage equipment

**EAR99-classified components, accessories, and optional equipment that are designed for and are for use with an EAR99-classified medical device included elsewhere on the list.**