

		326	.....And other blood constituents
		327	.....Inserted in body
		328	.....Hemoglobin
		329	.....Using a fluorescing material
		330	.....Separation of ac/dc components in signal
		331	.....Calibrated
		332	.....Inserted in body
		333	.....Used in conjunction with associated apparatus (e.g., pacemaker)
300	DIAGNOSTIC TESTING		
301	.Via monitoring a plurality of physiological data, e.g., pulse and blood pressure	334	....With tissue perfusion
302	.Endoradiosonde	335	....Pressurization of body portion performed
303	.Olfactometer	336	....Detects constituents while excluding components (e.g., noise)
304	.Readiness to give birth		
305	.Hazardous current flow conditions	337	....Structure preventing contact of body inserted fiber with internal body portions
306	.Measurement of skin parameters		
307	.Determining rate of fluid loss from body surface	338	....Fetal tissue
308	.Physical characteristics of electrolytes	339	....Inserted in body
309	.Measuring or detecting nonradioactive constituent of body liquid by means placed against or in body throughout test	340	....Measured at specified areas of body portions
310	..Infrared, visible light, or ultraviolet radiation directed on or through body or constituent released therefrom	341	...Inserted in body
311	...Partial pressure of constituent	342	...Light conducting fiber inserted in body
312	....Using a fluorescent material	343	...Digestive tract
313	....Fetal tissue	344	...Mounting structure (e.g., belt, etc.)
314	...Foreign substance	345	..Electroanalysis
315	...Bilirubin	346	...Sweat analysis
318	...Determining constituents in eye	347	...Blood glucose
319	....Glucose	348	...Determining ion concentration/ partial pressure
320	....Hemoglobin	349	...Oral fluids
321	....Using fluorescent emission determination	350	...Esophageal or gastrointestinal fluids
316	...Glucose	351	....Fetal
317	...By fluorescent emission	352	....Using a flowthrough cell
322	...Determining blood constituent	353	....Carbon dioxide or other gases
323	....Oxygen saturation, e.g., oximeter	354	.....Transcutaneous
324	.....And other cardiovascular parameters	355	....Oxygen tension
325	.....Inserted in body	356	.....Eye
		357	.....Transcutaneous
		358	.....Including tissue perfusion
		359	.....Temperature compensated
		360	.....Internal
		361	....pH
		362	..Absorbent patch for fluid analysis
		363	..Perfusion detection
		364	..Blood gas

365	..Glucose measurement	400	..Measuring acoustic impedance of eye
366	..Equilibration and analysis of fluid	401	..Fluid jet directed against eye
367	..Holder for color indicator (e.g., fertility tester)	402	..Eye vibrated
368	..Physical characteristics of blood	403	..Pressure indicator includes liquid column
369	..Coagulation	404	..Pressure indicator includes pointer swingable over scale and mechanically driven by eye contacting means
370	..Erythrocyte sedimentation rate/viscosity	405	..Measuring force required to produce standard or measured eye flattening (applanation)
371	..Bleeding detection	406	...Disposable or sterilizable eye contacting structure
372	..Structure of body-contacting electrode or electrode inserted in body	407	..Detecting nuclear, electromagnetic, or ultrasonic radiation
373	..Electrode placed in body	408	..Using neural network or trainable (adaptive) system
374	..Electrode placed in or on heart	409	..Magnetic field sensor (e.g., magnetometer, SQUID)
375	...Anchored	410	..Magnetic resonance imaging or spectroscopy
376	...Fetal monitoring	411	...Combined with therapeutic or diverse diagnostic device
377	...Electrode implanted in body	412	...Temperature detection
378	...Electrode in brain	413	...With triggering or gating device
379	...Electrode in ear	414	...Using fiducial marker
380	...Electrode in esophagus or pharynx	415	...With means for positioning patient or body part
381	...Electrode in artery or blood vessel	416	...Simulation of modeling
382	..Electrode attached to or positioned relative to a specific external body portion	417	...With stereotactic device
383	...Head or eye	418	...With means for communicating with patient
384	...Attached to one of the body's extremities	419	...Of fluid flow
385	...Radiolucent	420	...Using detectable material placed in body
386	..Means for attaching electrode to body	421	...Including any system component contacting (internal or external) or conforming to body or body part
387	...Suction	422	....Coil
388	...Garment	423	....With means for inserting into a body
389	...Vest	424	..With means for determining position of a device placed within a body
390	...Belt or strap	425	..With tomographic imaging obtained from electromagnetic wave
391	...Adhesive	426	...Using fiducial marker
392	...Having release sheet		
393	..Plural electrodes carried on single support		
394	..Head and socket connector for attaching lead to electrode		
395	..Electrode composition		
396	...Silver/silver chloride containing		
397	...Electrolyte containing		
398	..Testing aqueous humor pressure or related condition		
399	..Measuring impedance to flow of aqueous humor (tonometry)		

427	...Combined with therapeutic or diagnostic device	466	.....Catheter
428	..With triggering or gating device	467	.....Intravascular
429	...With stereotactic device	468	.....With blood flow measurement or detection
430	..With microwave carrier signal	469	.....Detecting emboli
431	..Detectable material placed in body	470	.....By inflatable ballon
432	...Piston-type ram forces material into body	471	.....Tool (e.g., ablation, abrasion, cutting)
433	...Using flexible catheter	465	....Blood flow measurement
434	....Catheter guide means	472	...With beam directing or shaping means in the wave path (e.g., lens, reflector)
435	....Catheter structure	461	...Associated with puncturing instrument
436	..Nuclear radiation (e.g., radioactive emission, etc.)	473	..Infrared radiation
437	..Ultrasonic	474	..Temperature detection
438	...Used as an indicator of another parameter (e.g., temperature, pressure, viscosity)	475	...With comparison means (e.g., ratio of or comparison to a standard)
439	...With therapeutic device	476	..Visible light radiation
440	...Plural display mode systems	477	...With comparison means (e.g., ratio of or comparison to a standard)
441	....Having B-scan and Doppler	478	...Light conducting fiber inserted into a body
442	...Tissue attenuation or impedance measurement or compensation	479	...Cardiovascular testing
443	...Anatomic image produced by reflective scanning	480	....Pressure in blood vessel
444	....With mechanical and electronic scanning	481	.Cardiovascular
445	....Mechanical scanning	482	..Measuring resistance of capillary blood vessels to hemorrhage
446	.....Hand-held unit	483	..Simultaneously detecting cardiovascular condition and diverse body condition
447	....Electronic array scanning	484	...Detecting respiratory condition
448	...Through-transmission (e.g., time-of-flight) imaging	485	..Measuring pressure in heart or blood vessel
449	...One-dimensional anatomic display or measurement	486	...Testing means inserted in body
450	....Cardiographic	487	....Pressure indicator includes liquid column
451	....Echoencephalography	488	....Pressure transducer structure
452	....Ophthalmic	489	...Ophthalmodynamometer
453	...Doppler effect (e.g., fetal HR monitoring)	490	...Force applied against skin to close blood vessel
454	....Blood flow studies	491	....Hand-supported occluder
455	.....Pulse Doppler	492	....Tester having plural occluders, or single occluder and separate pressurized pulse sensing cuff or cushion
456	.....With volumetric measurement	493	....Electric signal generated by sensing means responsive to pulse or Korotkoff sounds
457	.....CW Doppler		
458	...Contrast enhancement		
459	...Structure of transducer or probe assembly		
462	....Probe placed in vascular system or body orifice		
463	.....With acoustical or display imaging		
464	.....Having puncturing means thereon		

494	.....Pulse-induced pressure fluctuation in occluder generates electric signal	520	.....Detecting means associated with exercise machine
495	.....Pressure in inflatable occluder automatically raised above systolic pressure	521	...Detecting R portion of signal waveform
496	.....Repeating pressurization cycle	522	...Switching means for activating different monitoring systems, signal displays, or signal recorders
497	...Pressure indicator includes liquid column	523	...Signal display or recording
498	...Valve structure	524	.....Magnetic recording
499	...Occluder structure	525	.....Cathode-ray tube used for display or included in recording means
500	..Detecting blood vessel pulsation	526	..Blood output per beat or time interval
501	...Waveform graph-type pulse recorder	527	..Detecting heartbeat by sensing movement of oscillatable body-supporting means
502	...Pulse indicator	528	..Detecting heart sound
503	...Entire testing assembly supported on wrist	529	.Respiratory
504	..Measuring blood flow in body portion other than heart	530	..Halitosis detection
505	..Sensing means inserted in blood vessel	531	..Measuring metabolic rate by breath test
506	..By detecting electrical impedance of body portion	532	..Qualitative or quantitative analysis of breath component
507	..By detecting volume of body portion	533	..Measuring respiratory flow impedance or lung elasticity
508	..Heart	534	..Detecting body movement attending breathing
509	...Detecting heartbeat electric signal	535	...Capacitor-type transducer
510	....Testing artificially regulated or assisted heart	536	...Detector responsive to movement induced variation in impedance of body to electric current
511	....Fetal heartbeat	537	..Thermistor-type transducer generating electric signal in response to breath flow
512	....Orthogonal heartbeat electric signals combined to form vector signal	538	..Measuring breath flow or lung capacity
513	....Detecting heartbeat electric signal and diverse cardiovascular characteristic	539	...Element rotated by breath flow
514	....Sound generated by successive heartbeat electric signals to represent heart action	540	..Breath exhaled into or inhaled from expansible chamber
515	....Detecting arrhythmia	541	....Bellows or expansible bag
516	....Variation in duration of segment of PQRST signal waveform (e.g., QRS complex, etc.) detected	542	....Liquid surface forms portion of chamber boundary
517	....Vertical variation of PQRST signal waveform (e.g., amplitude of QRS complex, etc.) detected	543	..Breath collection
518	....Tachycardia or fibrillation detected	544	.Detecting brain electric signal
519	....Detecting signal repetition rate	545	..With feedback of signal to patient
		546	.Detecting muscle electrical signal
		547	.Measuring electrical impedance or conductance of body portion
		548	..Locating acupuncture points
		549	.Temperature detection

550	.Detecting foreign object or calculus by probing	583	..Collector combined with lancet
551	.Monitoring fertility cycle	584	..Indicator
552	.Sensitivity to vibration	585	.Flexible catheter guide
553	.Sensitivity to impact	586	.Detecting sound generated within body
554	.Sensitivity to electric stimulus	587	.Measuring anatomical characteristic or force applied to or exerted by body
555	.Sensitivity to thermal stimulus	588	..Associated with parturition
556	.Sensitivity of skin to allergens or radiation	589	..Gum
557	.Touch or pain response of skin	590	..Mouth, tongue, or jaw
558	.Eye or testing by visual stimulus	591	..Vagina or uterus
559	.Ear or testing by auditory stimulus	592	..Foot
560	.Injecting gas into body canal or cavity	593	..Esophagus, stomach, or lower alimentary canal
561	.Measuring fluid pressure in body	594	..Spine
562	.Sampling nonliquid body material (e.g., bone, muscle tissue, epithelial cells, etc.)	595	..Body movement (e.g., head or hand tremor, motility of limb, etc.)
563	..Irrigation	1	RADIOACTIVE SUBSTANCE APPLIED TO BODY FOR THERAPY
564	..Cutting	2	.Combined with other radiant or wave energy source (e.g., electromagnetic, thermal, microwave etc.)
565	...Applying suction to sample	3	.Radioactive substance placed within body (e.g., inhaled, implanted, injected, etc.)
566	...Body pierced by tubular cutter or rod-type punch	4	..By fluid injection of radioactive or enhancing agent through body piercing conduit
567	...Body pierced by tubular cutter or rod-type punch	5	...Fluid reservoir shielding (e.g., syringe)
568	..Motorized	6	..Utero-vaginal or pelvic application
569	..Brushing	7	..Injectors/holders for seeds or implants (e.g., capsules)
570	..Scraping with edged instrument	8	...Seeds
571	...Applying suction to sample	9	MAGNETIC FIELD APPLIED TO BODY FOR THERAPY
572	..Wiping or dabbing	10	.Radio frequency wave induced magnetic field for subcutaneous hyperthermia
573	..Liquid collection	11	.Probes
574	..Means specifically structured for collecting urine of human female	12	.Magnetic element placed within body (e.g., injected, inserted, implanted, etc.)
575	..Plural collection means (e.g., plural reservoirs or plural absorbent pads, etc.)	13	.Electromagnetic coil
576	..Manually supported collector with rigid intake tube (e.g., a hollow needle, etc.)	14	..Pulsating field
577	...Penetrable seal in liquid flow path to collection reservoir	15	.Externally supported or worn (e.g., garment, belt etc.)
578	...Mechanical means for drawing liquid into collection reservoir	16	CARDIAC AUGMENTATION (PULSATORS, ETC.)
579	...Means for controlling liquid flow	17	.With condition responsive means
580	..Wall of collection reservoir formed of flexible material	18	.Aortic balloon pumping
581	..Flexible collection tube inserted in body		
582	..Collection receptacle placed within body		

19	ANTIGRAVATIONAL SYSTEMS	114	.With guide means for body insertion
20	.Body suits		
21	ISOLATION TREATMENT CHAMBERS	115	..Inflatable cuff or balloon
22	.Incubators	116	.With inflatable balloon
23	SPEECH CORRECTION/THERAPY (E.G., ANTISTAMMERING)	117	.With means for indicating position, depth or condition of endoscope
24	.Oral cavity devices		
25	SURGICALLY IMPLANTED VIBRATORY HEARING AID	118	.With control or monitoring of endoscope functions
26	SLEEP OR RELAXATION INDUCING THERAPY (E.G., DIRECT NERVE STIMULATION, HYPNOSIS, ANALGESIA)	119	.With shield to protect operator (e.g., splatter protection)
27	.Sensory (e.g., visual, audio, tactile, etc.)	120	.Having endotracheal intubation means on endoscope
28	..Audio (e.g., heartbeat, "white noise", etc.)	121	.With protective sheath
29	BODY INSERTED URINARY OR COLONIC INCONTINENT DEVICE OR TREATMENT (E.G., ARTIFICIAL SPHINCTERS, ETC.)	122	..For camera or handle
30	.Implanted	123	..For auxiliary channel
31	..With fluid actuated occluding means (e.g., inflatable cuff)	124	..With means to assist covering or uncovering of sheath
32	.Stoma closures (e.g., colostomy plugs)	125	..With locking or retaining means for sheath
38	SEXUAL APPLIANCE	126	.With foot pedal control for endoscope operation
39	.Male splint	127	.With non-optical distal tip attachment
40	..Implanted	128	.With particular shaft cross-section
41	.Retention means	129	.With particular distal tip configuration
33	REPRODUCTION AND FERTILIZATION TECHNIQUES	130	.With particular arrangement of internal elements (e.g., shaft reducing)
34	.Embryo transplantation	131	.With particular operating handle design (e.g., for comfort)
35	.Artificial insemination	132	.Universal cord connector device for endoscope functions
36	BLOOD VESSEL OR GRAFT PREPARATION	133	.Sterilizable
37	INTERNAL ORGAN SUPPORT OR SLING	134	.Having means to protect user, patient, or endoscope from electrical discharge
101	ENDOSCOPE	135	.Urological
102	.With chair, table, holder, or other support	136	.Having separable shaft
103	.With monitoring of components or view field	137	.Having rotatable shaft
104	.With tool carried on endoscope or auxiliary channel therefore	138	.Having rigid tube structure
105	..Urogenital resectoscope	139	.Having flexible tube structure
106	..Having tool moving or stopping means	140	..Plural layers
107	...Having tool raising platform	141	..Articulated segments
108	..Laser	142	...Pivotally connected
109	.With camera or solid state imager	143	..Having shape memory retaining material component
110	..Having signal wires	144	..With adjustable rigidity
111	..Stereoscopic	145	..With bend detecting means (e.g., endoscope tracking)
112	..Means for coupling camera or imager	146	..With bending control means
113	.With additional scope	147	...With removable control knob
		148	...With braking means

149	...With wire tension control (e.g., slack absorbing)	187	..With auxiliary channel for fluid transversing
150	..With deflection recovery	188	..With means to transmit view from distal end
151	..Having temperature sensitive shape memory retaining material	189	...By mirror or prism
152	...Fluid or electrical control means	190	..Having particular blade structure
153	.Having auxiliary channel	191	...Made from light transmitting material
154	..Channel seal (e.g., forceps stopcock)	192	...With rough grained surface
155	..With interior cleaning means	193	...Detachable or foldable
156	..Fluid channel (e.g., suction, irrigation, aspiration)	194	...Specific design for intubation
157	..With window cleaning means	195	...With cushion or pad (e.g., teeth guard)
158	..With air or water supply means	196	...Adjustable (e.g., linearly, angularly)
159	..With valve construction or valve control means	197	..Having particular handle structure
160	.Having imaging and illumination means	198	...Sterilizable
161	..Strain relief means on optical element	199	..Illuminating
162	..Ocular (e.g., eyepiece)	200	...Otoscope (e.g., funnel shaped specula)
163	..With focusing	201	.Retractor
164	..Angled or offset on endoscope shaft	202	..With sensor or measuring means
165	...Plural	203	..With protective sheath
166	..Stereoscopic	204	..Laposcopic
167	..Focusing	205	..With auxiliary channel (e.g., fluid transversing)
168	..Magnifying	206	..Having flexible, malleable or shape memory material
169	..Fog prevention	207	...Inflatable
170	..Side viewing distal end	208	...Circular or elliptically shaped retracting surface
171	..Oblique viewing distal end	209	...Unitary wire construction
172	..Interchangeable optical system	210	..With special blade or retracting surface structure
173	..View field altering means	211	...Skeleton blade
174	..Articulated optical coupler	212	...Containing light transmitting material
175	..Distal optical attachment	213	...Detachable from handle
176	..Having particular distal lens or window	214	...Plural blades on single handle
177	...For improved illumination	215	...Adjustable (e.g., extendable)
178	..Light source	216	...Multiple joints on retracting surface
179	...Lamp in shaft	217	...With retracting hook, claw, teeth, or barb
180	..With light intensity control	218	..With compressing jaws
181	..With filter, masking, diaphragm, or aperture plate	219	..With cooperating retracting members
182	..Light transmitting fibers or arrangements	220	...Duck-Billed specula (e.g., vagina)
183	.Tissue division viewing (e.g., carpal tunnel, plantar fasciotomy)	221	...With auxiliary instrument
184	SPECULA	222	...With means to change parallel distance between blades
185	.Laryngoscope		
186	..With protective sheath		

223With illuminating means
224 ...Three or more members (e.g.,
trivalve speculum)
225 ...Pivots along longitudinal axis
226 ..With special handle
227 ..With holder
228 ...Having supporting arm
229Flexible or articulable
230Special table clamp
231 ...Supporting frame
232Three sided rectangular frame
233Closed frame (e.g., circle,
square)
234 ..Handle-holder cooperating
means
235 ..Specific use retractor
236 ...Eyeball
237 ...Mouth
238Brace or prop
239Jaw spreader with tongue
depressor
240Tongue depressor
241Illuminated
242Lip or cheek
243Veterinary jaw spreader
244Pivoted
245 ..Having illuminating means
246 ..With lens or mirror
247 **REFLECTOR**
248 .With illuminating means
249 **LAMPS FOR ILLUMINATION**

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