

GLOSSARY OF TECHNICAL TERMS

This glossary of technical terms contains explanations of certain technical terms used in this document. As such, these terms and their meanings may not correspond to standard industry meanings or usage of these terms.

“211”	a national initiative launched in 1995 by the PRC Government to strengthen approximately 100 higher education institutions in key disciplines
“985”	a national initiative launched in 1998 by the PRC Government to promote the development of world-class universities in China
“AMIS”	auto manual installation system, designed to automate and streamline setup and installation processes in medical equipment or software contexts
“APTT”	activated partial thromboplastin time
“CLIA”	chemiluminescence immunoassay, a laboratory technique measuring the concentration of substances using light emission
“CQI”	continuous quality improvement
“DERS”	dose error reduction system, implemented in medical devices to minimize medication dosing errors
“DNA”	deoxyribonucleic acid, the genetic material that stores hereditary information in living organisms
“dPCR”	digital polymerase chain reaction, a novel method for the absolute quantification of target nucleic acids
“drug library”	a comprehensive database containing information on medications, their uses, dosages, and interactions
“DSA”	digital subtraction angiography, a fluoroscopy technique used in interventional radiology to clearly visualize blood vessels in a bony or dense soft tissue environment
“DVT”	deep vein thrombosis, a condition where a blood clot forms in a deep vein, potentially life-threatening
“EMR”	endoscopic mucosal resection
“ERAT”	endoscopy retrograde appendicitis therapy
“ERCP”	endoscopic retrograde cholangiopancreatography, a procedure to diagnose and treat problems in the liver, gallbladder, bile ducts, and pancreas

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“ERP”	enterprise resource planning
“ESD”	endoscopic submucosal dissection
“EUS-FNA”	endoscopic ultrasound guided fine needle aspiration biopsy
“EVL”	endoscopic variceal ligation
“FIB”	fibrinogen, a glycoprotein complex, produced in the liver, that circulates in the blood of all vertebrates
“GI”	gastrointestinal
“HIS”	hospital information system, an integrated system for managing the administrative, financial, and clinical aspects of a hospital
“IV”	intravenous
“IVD”	in vitro diagnostic, a technique for performing tests on samples taken from the human body to detect diseases, conditions, or infections
“MRI”	magnetic resonance imaging, a medical imaging technique using magnetic fields and radio waves to visualize internal body structures
“NOTES”	natural orifice transluminal endoscopic surgery
“ODM”	original design manufacturing, where a manufacturer designs and manufactures a product which is specified by the customer and eventually marketed and sold under the customer’s brand name or under no specific brand
“OEM”	original equipment manufacturing, where a manufacturer manufactures a product in accordance with the design, specifications and requirements provided by the customers, and such product is marketed and sold under the customer’s brand name or under no specific brand
“PCA”	patient-controlled analgesia, a method allowing patients to self-administer pain relief medication through a machine
“PCR”	polymerase chain reaction, a technique used to amplify small segments of DNA
“PD”	pharmacodynamic, the branch of pharmacology concerned with the effect of drugs and their action on the body

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“PK”	pharmacokinetic, the branch of pharmacology concerned with the movement of drugs within the body, including bodily absorption, distribution, metabolism, and excretion of drugs, which, together with pharmacodynamics, influences dosing, benefit, and adverse effects of the drug
“POCT”	point-of-care testing, a diagnostic testing conducted at or near the site of patient care for immediate results
“POEM”	peroral endoscopic myotomy, a procedure to treat swallowing disorders caused by muscle problems such as spasms in the esophagus
“PT”	prothrombin time, a blood test that measures the time it takes for a clot to form in a blood sample
“PTE”	pulmonary thromboembolism, a blockage in one of the pulmonary arteries in the lung
“qPCR”	quantitative polymerase chain reaction, a collection of methods for estimating the number of copies of a specific DNA template in a sample
“R&D”	research and development
“SMMV”	synchronized mandatory minute ventilation, a respiratory therapy mode that ensures a minimum volume of air is delivered while synchronizing with the patient’s breathing effort
“STER”	submucosal tunnelling endoscopic resection, a new technique for treating upper GI submucosal tumors originating from the muscularis propria layer
“TCI”	target-controlled infusion, an advanced method for delivering anesthesia with an automatically adjusted infusion rate
“TEG”	thromboelastography, a diagnostic test that measures blood coagulation efficiency
“TIVA”	total intravenous anesthesia
“TPN”	total parenteral nutrition, a method of feeding that bypasses the gastrointestinal tract
“TT”	thrombin time, a measure of how long the blood’s plasma takes to form a clot
“VTE”	venous thromboembolism, occurring when a blood clot forms in a vein