

# LIST OF ABBREVIATIONS

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ABC	Argon Beam Coagulator
ACS	American College of Surgeons
AESOP	Automated Endoscopic System for Optimal Positioning
AgNO <sub>3</sub>	silver-nitrate
AO	Arbeitsgemeinschaft für Osteosynthesefragen
ARAKNES	Array of Robots Augmenting the Kinematics of Endoluminal Surgery
ARDS	Adult Respiratory Distress Syndrome
ASA	American Society of Anesthesiologists
ASIMO	Advanced Step in Innovative Mobility
ASPCA	American Society for the Prevention of Cruelty to Animals
ATP	Adenosine TriPhosphate
A.U.V.	Ad Usum Veterinarium
B.	bacillus
BSE	Bovine Spongiform Encephalopathy
BUTE	Budapest University of Technology and Economics
bwkg	body weight kilograms
CAM	Cell Adhesion Molecule
CaOH <sub>2</sub>	calcium hydroxide, slaked lime
CC	Code Civil
CCD	Charged Coupled Device
CE	Conformité Européenne
Charr	Charrière
CHI <sub>3</sub>	tri-iodomethane, iodoform
CIS	Computer Integrated Surgery
-CHO	aldehyde group, formyl group
CH <sub>3</sub> CH <sub>2</sub> OH	ethanol, ethyl alcohol
CH <sub>3</sub> CH <sub>2</sub> OCH <sub>3</sub>	propanol, isopropyl alcohol
CH <sub>2</sub> OH	formaldehyde
CH <sub>3</sub> OH	phenol, carbol acid
CNC	Computed Numerical Control
-COOH	carboxyl group
CRT	Capillary Refill Time
CT	Computed Tomography
CUSA	Cavital Ultrasonic Surgical Aspirator
CVI	Chronic Venous Insufficiencia
DARPA	Defense Advanced Research Projects Agency
DIC	Disseminated Intravascular Coagulation
DDP	Direct Dispense Pack
DPT	diphtheria-pertussis-tetanus
DT	diphtheria-tetanus
EAES	European Association for Endoscopic Surgery
ECG	ElectroCardioGraph
ECM	ExtraCellular Matrix
EEC	European Economic Community
EGF	Epidermal Growth Factor
EEC	European Economic Community

ELSA	Endoscopic and Laparoscopic Surgeons of Asia
e-NOTES	embryonal-NOTES
EO	ethylene oxide
EP	European Pharmacopeia
ERCP	Endoscopic Retrograd Cholangio-Pancreatography
ESBL	Extended Spectrum Beta-Lactamases
EST	Endoscopic Sphincterotomy
EU	European Union
Exp	Expiration date
EVLT	EndoVein Laser Therapy
FDA	Food and Drug Administration
FFP	Fresh Frozen Plasma
FGF	Fibroblast Growth Factor
FLS	Fundamentals of Laparoscopic Surgery
FRS	Fundamentals of Robotic Surgery
FUSE	Fundamental Use of Surgical Energy
GEA	Gastro-EnteroAnastomosis
H <sub>2</sub> O <sub>2</sub>	hydrogen peroxide
H <sub>3</sub> BO <sub>3</sub>	acidum boricum, boric acid
HBV	hepatitis B virus
HD	High Definition
HIV	Human Immunodeficiency Virus
HgCl <sub>2</sub>	mercury chloride, sublimate
HL	Health Law
HSS	Hungarian Surgical Society
i.pulm.	intrapulmonal
IASP	International Association for the Study of Pain
ic.	intracardial
ICD	Implantable Cardioverter Defibrillator
IFSES	International Federation of Surgical Endoscopic Societies
IgG	Immunoglobulin G
IL	InterLeukin
im.	intramuscularis
ip.	intraperitoneal
iv.	intravenous
ISS/SIC	International Society of Surgery / Société Internationale de Chirurgie
JHPSS	Japan-Hungarian-Polish Surgical Society
JSES	Japan Society for Endoscopic Surgery
K	Kelvin
KGf	Keratinocyte Growth Factor
KMnO <sub>4</sub>	potassium permanganate
KOH	potassium hydroxide
l.	lamina
LASER	Light Amplification by Stimulated Emission of Radiation
LC	Laparoscopic Cholecystectomy
LCD	Liquid Crystal Display
LCP	Locked Compression Plate
LED	Light Emitting Diode
LISS	Less Invasive Stabilization System
LMWH	Low Molecular Weight Heparin
MASTER	Master And Slave Transluminal Endoscopic Robot
MHC	Major Histocompatibility Complex
MISTELS	McGill Inanimate System for Training and Evaluation of Laproscopic Skills
MIT	Massachusetts Institute of Technology
MMP	Mátrix MetalloProteinase
MOET	Microsurgery and Operative Endoscopy Training
MP	Metacarpo-Phalangeal
MRI	Magnetic Resonance Imaging
MRSA	Methicillin Resistant Staphylococcus Aureus
MRSE	Methicillin Resistant Staphylococcus Epidermidis

N	normal
NaCl	sodium chloride
Na <sub>2</sub> CO <sub>3</sub>	sodium chloride, soda
NaOCl	sodium hypochlorite
NaOH	sodium hydroxide, caustic soda, alkali
NASA	National Aeronautics and Space Administration
NEEMO	NASA Extreme Environment Mission Operation
NESSY	Neutral Electrode Safety System
NFCSO	National Food Chain Safety Office
-NH <sub>2</sub>	amino group
NH <sub>2</sub> -CO-NH <sub>2</sub>	karbamid-peroxide
N <sub>2</sub> O	nitrous oxide
NOTES	Natural Orifice Translumenal Endoscopic Surgery
NOTSS	Nontechnical Skill for Surgeons
NPHMOS	National Public Health and Medical Officer Service)
NPWP	Negative-Pressure Wound Therapy
NSAID	Non Steroid Anti-Inflammatory Drugs
NSEC	National Scientific Ethical Committee on Animal Experimentation
'O'	atomic oxygen
-OH	hydroxyl group
OH'	hydroxyl radicals
OS-ATS	Objective Structured Analysis of Technical Skills
p.os	per os
p.p.	per primam
PA	Plasminogen activator, urokinase
PAI-1	Plasminogen Activator Inhibitor-1
PASC	Patient Accreditation for the Safety of Care
PDGF	Platlet Derived Growth Factor
PDO	PoliDiOxanone
PEG	PoliEtilén-Glikol
PF4	Platelet Factor 4
PGA	PolyGlycolic Acid
PLA	PolyLactid Acid
PLGA	Poly-Lactid-co-Glicolic Acid
PMN	PolyMorphoNuclearis
POEM	PerOral Endoscopic Myotomy
PTFE	PoliTetraFluoro-Etilén, teflon
PUMA	Programable Universal Manipulation Arm
PVC	PolyVinyl Chloride, polivinil-klorid
PVP	PoliVinil-Pirrolidon, povidon
REM	Return Electrode Monitoring
REIMS	Rapid Evaporative Ionization Mass Spectrofotometry
RP-VITA	Remote Presence Virtual Independent Telemedicine Assistant
RSTL	Relaxed Skin Tension Lines, wrinkle lines
SAGES	Society of American Gastrointestinal and Endoscopic Surgeons
sc.	subcutaneous
SGRCCS	Self-Guided Robotic Camera Control System
-SH	sulfhydryl group
SILS	Single-Incision Laparoscopic Surgery
SPA	Single-Port Access
SPF	Specified Pathogen Free
SRI	Stanford Research International
SSI	Surgical Site Infection
SzAP	Systemic Antibiotic Profilaxis
TAPP	TransAbdominal PrePeritoneal
TAT	Tetanus AnaToxin
TIMP	Tissue Inhibitor of MetalloProteinases
TGFβ	Transforming Growth Factor beta
TNFα	Tumor Necrosis Factor alpha
TOS	Thoracic Outlet Syndrome, mellkaskimeneti szindróma

TORS	Trans Oral Robotic Surgery
TT	Tetanus Toxoid
TXA	ThromboXan A
UEP	Unexpected Events programme
US	UltraSound
USP	United States Pharmacopeia
UV	UltraViolent
VATS	Video Assisted Thoracic Surgery
VEGF	Vascular Endothelial Growth Factor
VITOM	Video Telescope Operating Monitor
VR	Virtual Reality
WAWC	Workplace Animal Welfare Committee
WHO	World Health Organization
YAG	Yttrium Aluminium Garnet