Thoracic Endovascular Aortic Repair (TEVAR) Is it a replacement for Open Surgery for Aortic Arch & Descending Aorta?

Essay

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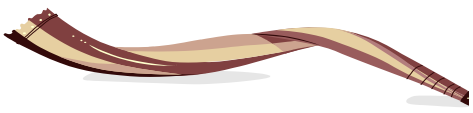

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List of Abbreviations

Abb.	Full term
ACP	Ante-grade cerebral perfusion
AP	Antero-posterior
ARSCA	Aberrant right subclavian artery
BB	Bird Beak
BIS	Bispectral index
CMR	Cardiac magnetic resonance
COPD	Chronic obstructive pulmonary disease
CPB	Cardiopulmonary bypass
CSFD	Cerebrospinal fluid drainage
CT	Computed tomography
CTA	Computed tomography angiography
DHCA	Deep hypothermic circulatory arrest
DSA	Digital subtraction angiography
DSINE	Delayed stent-graft induced new entry tear
EACTS	European association of cardiothoracic surgery
ECG	Electrocardiogram
EEG	Electroencephalogram
EL	Endoleak
ESC	European society of cardiology
FET	Frozen elephant trunk
HAR	Hybrid aortic repair
HCA	Hypothermic circulatory arrest

Abb.	Full term
ICU	Intensive care unit
LAO	Left anterior oblique
LCC	left common carotid artery
MHCA	Moderate hypothermic circulatory arrest
MRI	Magnetic resonance imaging
OR	Operating room
PND	Permanent neurological deficit
PTFE	Polytetrafluoroethylene
RADPAD	Commercial radiation resistance drapes
RCC	Right common carotid artery
RCP	Retro-grade cerebral perfusion
RSCA	Right subclavian artery
SACP	Selective antegrade cerebral perfusion
SINE	Stent-graft induced new entry tear
TAA	Thoracoabdominal aortic aneurysm
TAVI	Transfemoral aortic valve implantation
TEE	Trans esophageal echocardiography
TEVAR	Thoracic endovascular aortic repair
TND	Temporary neurological deficit
TTE	Transthoracic Echocardiography

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