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Cardiovascular effects of thoracic epidural anaesthesia

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Nulla tenaci invia est via

*Voor Karin, Ciske, Carmen, Maxime en Karsten
Ter nagedachtenis aan Babette en Pepijn*

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Physiologic and cardiovascular symbols

Hemodynamic symbols

HR	Heart rate
MAP	Mean arterial pressure
SBP	Systolic blood pressure
DBP	Diastolic blood pressure
SVR	Systemic vascular resistance
PVR	Pulmonary vascular resistance
CO	Cardiac output
CI	Cardiac index
SV	Stroke volume
SVV	Stroke volume variation

Echocardiographic symbols

PLAX	Parasternal long axis view
A4C	Apical four-chamber view
ALAX	Apical long-axis view
LV	Left ventricle
RV	Right ventricle
LVEDV	Left ventricular end diastolic volume
LVESV	Left ventricular end systolic volume
EF	Ejection fraction
FAC	Fractional area change
MV E	Peak mitral flow velocity during early filling phase
MV A	Peak mitral flow velocity during atrial contraction phase
MV E/A	Ratio of mitral E to A
MV DT	Time interval required for the mitral E velocity to decline from its peak to the baseline
TV E	Peak tricuspid flow velocity during early filling phase
TV A	Peak tricuspid flow velocity during atrial contraction phase
TV E/A	Ratio of tricuspid E to A
TV DT	Time interval required for the tricuspid E velocity to decline from its peak to the baseline

TDI	Tissue Doppler imaging
PW	Pulsed waved
CC	Colour-coded
MV S'	Systolic mitral annular velocities
MV E'	Early diastolic mitral annular velocities
MV A'	Late diastolic mitral annular velocities
TV S'	Systolic tricuspid annular velocities
TV E'	Early diastolic tricuspid annular velocities
TV A'	Late diastolic tricuspid annular velocities
TR max PG	Maximal systolic pressure gradient from tricuspid regurgitation TAPSETricuspid Annular Plane Systolic Excursion
IVA	Myocardial acceleration during isovolumic contraction
ICT	Isovolumetric contraction time
IRT	Isovolumetric relaxation time
ET	Ejection time
MPI	Myocardial performance index or Tei index

Pressure-volume analysis symbols

EDV	End-diastolic volume
ESV	End-systolic volume
EDP	End-diastolic pressure
ESP	End-systolic pressure
SW	Stroke work
dP/dtMAX	Peak rate of ventricular pressure increase
dP/dtMIN	Peak rate of ventricular pressure decrease
ESPVR	End-systolic pressure-volume relationship
EDPVR	End-diastolic pressure-volume relationship
Ees	Slope of the end-systolic pressure-volume relationship
ESV25	Volume intercept of ESPVR at 25 mmHg
Eed	Slope of the EDPVR (stiffness)
EDV7	Volume intercept of EDPVR at 7 mmHg
Tau (T)	Isovolumic relaxation time constant
Ea	Effective arterial elastance
Ees/Ea	Ventricular-pulmonary coupling ratio