

REFERENCE

Measurements and Calculations by Preset

General Calculations (included in all presets)

General

 Distance	 Angle
 Trace Distance	 Trace Area
 Multi-Distance	 Ellipse

M-Mode General

 V Distance	 Time
 Velocity	 Heart Rate

PW Doppler General

 Velocity	 Auto Trace
 PSV/EDV	 Time
 Spectral Trace	 Heart Rate
 Acceleration	

Abdomen

Abdomen M-Mode

 V Distance	 Time
 Velocity	 Heart Rate

Abdomen PW Doppler

 Velocity	 Auto Trace
 PSV/EDV	 Time
 Spectral Trace	 Heart Rate
 Acceleration	

Abdomen 2D

 LT	 Pancreas
 RT	 Bladder
 Liver	 CBD
 Kidney	 Antral CSA
 Spleen	 VFd
 Gall Bladder	

Small Organs

Small Parts

 LT	 Lesion
 RT	 Nodule
 Thyroid Lobe	 Testes

Thyroid

 LT	 Nodule
 RT	 Thyroid Lobe

Cardiac

Cardiac Basic 2D

- LV EDV (SP)
- LV EDA (FAC)
- LV ESV (SP)
- LV ESA (FAC)
- LVOTd

Cardiac Basic PW Doppler

- LVOTV
- HR

Cardiac Advanced M-Mode

- IVSd
- IVSs
- LVIDd
- LVIDS
- LVPWd
- TCO
- LVPWs
- TAPSE
- MAPSE
- EPSS
- HR
- RVET

Cardiac Advanced PW Doppler

- RVET
- TCO
- LVOTv
- HR

Cardiac Basic M-Mode

- EPSS
- HR

Cardiac Advanced 2D

- LV EDV (SP)
- LA Area
- LV ESV (SP)
- LAV (SP)
- LV EDA (FAC)
- RA Area
- LV ESA (FAC)
- RAV (SP)
- PWT
- PWT
- RV ESA (FAC)
- IVSd
- RV EDWT
- IVSs
- RVOT Distal
- LVIDd
- RVOT Prox
- LVIDS
- RVD1
- LVPWd
- RVD2
- LVPWs
- RVD3
- Ao Annulus
- Ao Root

Cardiac Calculations					
LA/Ao	LV EF (FAC)	LV EF (Teich)	LV EF (EPSS)	CO (LVOT)	LVMI
LV FAC	LVFS	IVS%	LV EF (Simpsons)	SVC Index	RIMP
RV FAC	EDV (Teich)	LVPW%	LV SV (Simpsons)	RWT	
RV/LV EDA	ESV (Teich)	IVS/LVPW	SV (LVOT)	LV Mass	

Pelvic

Bladder

- Pre-Void
- Bladder Wall
- Post-Void

Prostate

- Prostate
- Bladder Wall
- Bladder

Pelvic Floor

- Bladder
- Bladder Wall
- PFM Rest
- PFM Contract

Pelvic/GYN

- Uterus
- Lt Ovary
- Rt Ovary
- Bladder
- Endo
- CxL
- Rt Ov Cyst
- Lt Ov Cyst
- Endo Ant
- Endo Post
- Polyp
- Fibroid
- Bladder Wall

Arterial & Venous

Arterial (Membership) 2D

 LT	+...+ VFd
 RT	

Arterial (Membership) PW Doppler

 LT	 Pero-prox
 RT	 Pero-mid
 VFv	 Pero-dist
 CFA	 PTA-prox
 PFA	 PTA-mid
 SFA-prox	 PTA-dist
 SFA-mid	 DPA
 SFA-dist	 CIA
 Pop-prox	 IIA
 Pop-dist	 EIA
 ATA-prox	 BpGr-prox
 ATA-mid	 BpGr-mid
 ATA-dist	 BpGr-dist

Carotid (Membership) PW Doppler

 LT	 ICA-Dist
 RT	 ECA
 CCA-Prox	 Bulb
 CCA-Mid	 Vert-A
 CCA-Dist	 Subc-A
 ICA-Prox	 VFv
 ICA-Mid	

Carotid (Membership) 2D

 LT	+...+ Diam Sten
 RT	 Area Norm
+...+ IMT	 Area Sten
+...+ Diam Norm	+...+ VFd

Venous (Membership) 2D

 LT	+...+ InSaph
 RT	+...+ AAGSVt
+...+ VFd	+...+ AAGSVI
+...+ SFJ	+...+ ATt
+...+ GSVt	+...+ PAGSVt
+...+ GSVpt	+...+ PAGSVI
+...+ GSVI	+...+ PTt
+...+ GSVpl	+...+ PTI
+...+ SaphJ	+...+ LVSt
+...+ SSV	+...+ LVSI
+...+ SSVp	+...+ CBD
+...+ Gia	+...+ Accl

Venous (Membership) PW Doppler

 LT	 InSaph-rfix
 RT	 AAGSVt-rflx
 VFv	 AAGSVI-rfix
 SFJ-rfix	 ATt-rfix
 GSVt-rflx	 ATI-rfix
 GSVpt-rflx	 PAGSVt-rfix
 GSVI-rfix	 PAGSVI-rfix
 GSVpl-rfix	 PTt-rfix
 SaphJ-rfix	 PTI-rflx
 SSVp-rfix	 LVSt-rfix
 SSVp-rfix	 LVSI-rflx
 Gia-rfix	 AccP-rflx

Obstetrics & Gynecology

Obstetrics M-Mode

 FHR

Obstetrics PW Doppler

 FHR  USA

Labour & Delivery (Membership)

 HC	+...+ HSD
+...+ BPD	+...+ PD
 AC	+...+ AoP
+...+ FL	+...+ MLA
+...+ HPD	+...+ CxL

Obstetrics 2D

 MSD	+...+ AFQ1
 HC	+...+ AFQ2
+...+ BPD	+...+ AFQ3
 AC	+...+ AFQ4
+...+ FL	+...+ AF-SDP
+...+ CRL	+...+ NFT
+...+ GS	+...+ CxL

Plastic Surgery & Aesthetic Medicine

Cheek (Membership)

 Filler	+...+ Fat
 Nodule	+...+ Pre
+...+ Dermis	+...+ Post
+...+ Epidermis	

Chin/Jaw (Membership)

 Filler	+...+ Fat
 Nodule	+...+ Pre
+...+ Dermis	+...+ Post
+...+ Epidermis	

Dermatology (Membership)

+...+ Dermis	+...+ Fat
+...+ Epidermis	

Lips (Membership)

 Filler	+...+ Fat
 Nodule	+...+ Pre
+...+ Dermis	+...+ Post
+...+ Epidermis	

Aesthetics (Membership)

 LT	+...+ Epidermis
 RT	+...+ Fat
 Filler	+...+ Pre
 Nodule	+...+ Post
+...+ Dermis	

Infraorbital (Membership)

 Filler	+...+ Fat
 Nodule	+...+ Pre
+...+ Dermis	+...+ Post
+...+ Epidermis	

Pyriform (Membership)

 Filler	+...+ Fat
 Nodule	+...+ Pre
+...+ Dermis	+...+ Post
+...+ Epidermis	

Breast Imaging

Breast

 Lesion

Diagnostic Breast (Membership)

 Lesion  D/W Ratio

Interventional Breast (Membership)

 Lesion

Specialized Imaging

Lung

 PE-Vol

Ocular

 ONSD  CHLS
 FB  Cornea

Transcranial 2D

 LT  VFd
 RT

Transcranial PW Doppler

 LT  TICA
 RT  OA
 MCA  VA
 ACA  BA
 PCA  CxL

Veterinary

Vet General Cardiac M-Mode

 V Distance  Time
 Velocity  Heart Rate

Vet (Membership) Cardiac Advanced 2D

 LV EDV (SP)  LVIDs
 LV ESV (SP)  LVPWd
 LV EDA (FAC)  LVPWs
 LV ESA (FAC)  LA
 IVSd  Ao
 IVSs  LVOTd
 LVIDd

Vet (Membership) Cardiac Advanced M-Mode

 IVSd  LVPWs
 IVSs  TAPSE
 LVIDd  MAPSE
 LVIDs  EPSS
 LVPWd  HR

Vet General Cardiac PW Doppler

 V Distance  Time
 Velocity  Heart Rate

Vet (Membership) Cardiac Advanced PW Doppler

 LVOTV  HR

Vet (Membership) Obstetrics 2D

 GSD (Dog)  AFQ1
 CRL (Dog)  AFQ2
 BPD (Dog)  AFQ3
 BD (Dog)  AFQ4
 BPD (Cat)  CxL
 BD (Cat)

Vet (Membership) Obstetrics M-Mode

 V Distance  Time
 Velocity  Heart Rate

Vet (Membership) Obstetrics PW Doppler

 UA  FHR

MSK (Musculoskeletal)

MSK

+---+ PF	+---+ PT
+---+ AT	 Hip Angle

Shoulder (Membership)

+---+ SSc	+---+ BT
+---+ SST	+---+ GL
+---+ IST	

Knee (Membership)

+---+ PT	+---+ ICN
+---+ LC	+---+ MM
+---+ MC	

Hip Joint (Membership)

 Hip Angle	+---+ AHJR
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Hip & Thigh (Membership)

 Hip Angle	+---+ AHJR
+---+ AL	+---+ AG
+---+ AB	+---+ AM

Hand/Wrist (Membership)

 MN	 UN
 MN	 GANG

Foot/Ankle (Membership)

+---+ AT	+---+ AITFL
+---+ ATFL	+---+ PITFL
+---+ PTFL	+---+ CFL

Elbow (Membership)

 UN
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Commonly Used Abbreviations (in alphabetical order)

ACA	Anterior Cerebral Artery	LV EDV (SP)	Left Ventricle End Diastolic Volume (Single Plane)
AC	Abdominal Circumference	LV EDA (FAC)	Left Ventricle End Diastolic Area (Fractional Area Change)
AF-SDP	Amniotic Fluid – Single Deepest Pocket	LV ESV (SP)	Left Ventricle End Systolic Volume (Single Plane)
AFQ	Amniotic Fluid Quadrant	LV ESA (FAC)	Left Ventricle End Systolic Area (Fractional Area Change)
BA	Basilar Artery	LVPWd	Left Ventricular Posterior Wall diastole
BPD	Biparietal Diameter	LVPWs	Left Ventricular Posterior Wall systole
BT	Biceps Tendon	MAPSE	Mitral Annular Plane Systole Excursion
CCA	Common Carotid Artery	MCA	Middle Cerebral Artery
CRL	Crown Rump Length	MN	Median Nerve
CxL	Cervical Length	MSD	Mean Sac Diameter
D/W Ratio	Diameter/Width Ratio	NFT	Nuchal Fold Thickness
EPSS	E-Point Septal Separation	OA	Ophthalmic Artery
ECA	External Carotid Artery	PCA	Posterior Cerebral Artery
FL	Femur Length	PSV/EDV	Peak Systolic Velocity/End Diastolic Velocity
GANG	Ganglion	RV	Right Ventricle
GL	Glenoid Labrum	SFJ	Saphenofemoral Junction
GSD	Gestational Sac Diameter	SSC	Subscapularis Tendon
GSV	Greater Saphenous Vein	SST	Supraspinatus Tendon
HC	Head Circumference	SubcA	Subclavian Artery
HR	Heart Rate	TAPSE	Tricuspid Annular Plane Systole Excursion
ICA	Internal Carotid Artery	UA	Umbilical Artery
IST	Infraspinatus Tendon	UN	Ulnar Nerve
IVSd	Interventricular Septum diastole	VA	Vertebral Artery
IVSs	Interventricular Septum systole	Vert-A	Vertebral Artery
LVOTd	Left Ventricular Outflow Tract diameter	VFv	Volume Flow Velocity
Left	Ventricular Outflow Tract velocity	VFv	Volume Flow Velocity
LVIDd	Left Ventricular Inner Diameter diastole	VFv	Volume Flow Velocity
LVIDs	Left Ventricular Inner Diameter systole	VFv	Volume Flow Velocity