



High Yield Lecture Topic Guide

High Yield Lecture	Url	Time	Subject	Attachments
1	https://ptemasters.com/lectures/high-yield-pteexam-review-part-1	0:00	Exam Tips	
1	https://ptemasters.com/lectures/high-yield-pteexam-review-part-1	10:00	Resolution	Resolution
1	https://ptemasters.com/lectures/high-yield-pteexam-review-part-1	12:05	Vp Mode Color	
1	https://ptemasters.com/lectures/high-yield-pteexam-review-part-1	13:38	Case AV Canal	
1	https://ptemasters.com/lectures/high-yield-pteexam-review-part-1	15:57	Lambli's Excurrence	
2A	https://ptemasters.com/lectures/high-yield-pteexam-review-part-2A	0:00	Case Diastolic fx	Transducer v5,7.001
2A	https://ptemasters.com/lectures/high-yield-pteexam-review-part-2A	3:46	TDI	Pulm vien PWD
2A	https://ptemasters.com/lectures/high-yield-pteexam-review-part-2A	7:45	Tricuspid leaflets	TB resolution
2A	https://ptemasters.com/lectures/high-yield-pteexam-review-part-2A	8:28	Systolic Fx load dependent	Adv Diastolic fx
2A	https://ptemasters.com/lectures/high-yield-pteexam-review-part-2A	14:45	Strain Rate	Diastolic fx guidelines update
2A	https://ptemasters.com/lectures/high-yield-pteexam-review-part-2A	17:53	Speckle Tracking	
2A	https://ptemasters.com/lectures/high-yield-pteexam-review-part-2A	19:45	3D EF	
2A	https://ptemasters.com/lectures/high-yield-pteexam-review-part-2A	20:50	Case Papillary Fibroelastoma	
2B	https://ptemasters.com/lectures/high-yield-pteexam-review-part-2B	0:00	Mitral Anatomy 3D MR	
2B	https://ptemasters.com/lectures/high-yield-pteexam-review-part-2B	7:30	Transducers Q factor	
2C	https://ptemasters.com/lectures/high-yield-pteexam-review-part-2C	0:00	Diastolic fx LAP,S/D,e',LV volume,TR	Diastolic fx basic and adv
3	https://ptemasters.com/lectures/high-yield-pteexam-review-part-3	0:00	TDI,strain,Adv systolic fx	Diastolic fx guidelines
3	https://ptemasters.com/lectures/high-yield-pteexam-review-part-3	1:22	Case Pulmonary stenosis,RVSP	
3	https://ptemasters.com/lectures/high-yield-pteexam-review-part-3	7:18	Case VSD,LV septal aneurysm	
3	https://ptemasters.com/lectures/high-yield-pteexam-review-part-3	9:25	Case ID structures Tricuspid leaflets	
3	https://ptemasters.com/lectures/high-yield-pteexam-review-part-3	10:19	Case PE McConnell's sign	
3	https://ptemasters.com/lectures/high-yield-pteexam-review-part-3	12:09	Case ASD	
3	https://ptemasters.com/lectures/high-yield-pteexam-review-part-3	13:28	Case Atrial septal aneurysm	
3	https://ptemasters.com/lectures/high-yield-pteexam-review-part-3	15:30	Case ASD Sinus Venous	
3	https://ptemasters.com/lectures/high-yield-pteexam-review-part-3	17:57	Case CS Thebesian Valve	
3	https://ptemasters.com/lectures/high-yield-pteexam-review-part-3	19:03	Case ASD Primum Cleft Mitral Valve	

3	https://ptemasters.com/lectures/high-yield-pteexam-review-part-3	20:29	ASD Ostium Secundum	
4	https://ptemasters.com/lectures/high-yield-pteexam-review-part-4	0:00	TOF,VSD	
4	https://ptemasters.com/lectures/high-yield-pteexam-review-part-4	4:05	Case TOF,PFO	
4	https://ptemasters.com/lectures/high-yield-pteexam-review-part-4	7:16	Doppler	
4	https://ptemasters.com/lectures/high-yield-pteexam-review-part-4	7:47	HOCM wall spared Basl Inf lateral	
4	https://ptemasters.com/lectures/high-yield-pteexam-review-part-4	9:45	Amyloidosis	
4	https://ptemasters.com/lectures/high-yield-pteexam-review-part-4	10:32	Bioeffects of Ultrasound	
4	https://ptemasters.com/lectures/high-yield-pteexam-review-part-4	11:42	LVAD	
4	https://ptemasters.com/lectures/high-yield-pteexam-review-part-4	13:12	Case Chiari Network vs Eustachian Valve	
5	https://ptemasters.com/lectures/high-yield-pteexam-review-part-5	0:00	Wall segments	
5	https://ptemasters.com/lectures/high-yield-pteexam-review-part-5	1:06	Bubble study	
5	https://ptemasters.com/lectures/high-yield-pteexam-review-part-5	2:22	Variance Map vs Velocity Map	
5	https://ptemasters.com/lectures/high-yield-pteexam-review-part-5	4:31	L to R shunt	
5	https://ptemasters.com/lectures/high-yield-pteexam-review-part-5	5:29	Imaging transducers QF Characteristics	
5	https://ptemasters.com/lectures/high-yield-pteexam-review-part-5	9:15	Lateral vs elevational point where ae they equal? Narrow point	
5	https://ptemasters.com/lectures/high-yield-pteexam-review-part-5	9:49	Bileaflet Prosthetic valve	
5	https://ptemasters.com/lectures/high-yield-pteexam-review-part-5	10:35	Bubble valsalva	
5	https://ptemasters.com/lectures/high-yield-pteexam-review-part-5	11:36	Epstein's Anomaly	
5	https://ptemasters.com/lectures/high-yield-pteexam-review-part-5	13:18	TG Basal SAX	
5	https://ptemasters.com/lectures/high-yield-pteexam-review-part-5	13:59	PE	
5	https://ptemasters.com/lectures/high-yield-pteexam-review-part-5	15:19	Hepatic Venous flow with pulmonary hypertension	
6	https://ptemasters.com/lectures/high-yield-pteexam-review-part-6	0:00	Duty Factor Pulse Duration PRF	
6	https://ptemasters.com/lectures/high-yield-pteexam-review-part-6	3:13	Imaging Depth	
6	https://ptemasters.com/lectures/high-yield-pteexam-review-part-6	7:13	Persistent L Superior vena Cava	
6	https://ptemasters.com/lectures/high-yield-pteexam-review-part-6	8:00	PW freq of emitted beam deteremined by	
6	https://ptemasters.com/lectures/high-yield-pteexam-review-part-6	8:59	ID Circumflex Artery	
6	https://ptemasters.com/lectures/high-yield-pteexam-review-part-6	10:47	TDI RV	
6	https://ptemasters.com/lectures/high-yield-pteexam-review-part-6	12:54	ID ASD Ostium Secundum	
6	https://ptemasters.com/lectures/high-yield-pteexam-review-part-6	16:39	LVOT outflow VTI	
6	https://ptemasters.com/lectures/high-yield-pteexam-review-part-6	17:42	Velocity Map	
6	https://ptemasters.com/lectures/high-yield-pteexam-review-part-6	18:16	Peak E wave Velocity	
6	https://ptemasters.com/lectures/high-yield-pteexam-review-part-6	19:56	Vp ID 4 cm	
7	https://ptemasters.com/lectures/high-yield-pteexam-review-part-7	0:00	Transducer Backing Material	

7	https://ptemasters.com/lectures/high-yield-pteexam-review-part-7	3:30	decreased freq increase penetration worse axial resolution decreased focal length	
7	https://ptemasters.com/lectures/high-yield-pteexam-review-part-7	5:40	Velocity index aortic stenosis	
7	https://ptemasters.com/lectures/high-yield-pteexam-review-part-7	11:17	acceleration time decrease spatial pulse length decrease	
7	https://ptemasters.com/lectures/high-yield-pteexam-review-part-7	12:06	MR SAM	
7	https://ptemasters.com/lectures/high-yield-pteexam-review-part-7	19:40	decreased beam width	
7	https://ptemasters.com/lectures/high-yield-pteexam-review-part-7	20:08	Best resolution ALE axial lateral elevation	
7	https://ptemasters.com/lectures/high-yield-pteexam-review-part-7	22:47	Define PRP,PRF,freq,period,wavelength,amp,power,Intensity	
7	https://ptemasters.com/lectures/high-yield-pteexam-review-part-7	32:43:00	PRP	
7	https://ptemasters.com/lectures/high-yield-pteexam-review-part-7	33:06:00	CW determined by	
8	https://ptemasters.com/lectures/high-yield-pteexam-review-part-8	0:00	Physics annular focusing	
8	https://ptemasters.com/lectures/high-yield-pteexam-review-part-8	1:26	Raleigh wavelenght longer than reflector	
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8	https://ptemasters.com/lectures/high-yield-pteexam-review-part-8	3:43	Specular Reflection	
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8	https://ptemasters.com/lectures/high-yield-pteexam-review-part-8	6:06	increase power and lateral resolution	
8	https://ptemasters.com/lectures/high-yield-pteexam-review-part-8	7:58	Demoduation receiver fx	
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8	https://ptemasters.com/lectures/high-yield-pteexam-review-part-8	9:47	MVA PISA	
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9	https://ptemasters.com/lectures/high-yield-pteexam-review-part-9	0:00	CW determined by	
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9	https://ptemasters.com/lectures/high-yield-pteexam-review-part-9	1:46	High Pulse repetition Frq doppler	
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9	https://ptemasters.com/lectures/high-yield-pteexam-review-part-9	2:54	TR fuctional	
9	https://ptemasters.com/lectures/high-yield-pteexam-review-part-9	3:28	Imaging Tricuspid	
9	https://ptemasters.com/lectures/high-yield-pteexam-review-part-9	4:26	Tricuspid annulus measurement	

9	https://ptemasters.com/lectures/high-yield-pteexam-review-part-9	5:03	Acute MI most sensitive echo finding	
9	https://ptemasters.com/lectures/high-yield-pteexam-review-part-9	5:28	Cleaning probes	
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10	https://ptemasters.com/lectures/high-yield-pteexam-review-part-10	0:00	ID Structures RA IVC CS Tricuspid	
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10	https://ptemasters.com/lectures/high-yield-pteexam-review-part-10	15:58	LV Ant wall ID	
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11	https://ptemasters.com/lectures/high-yield-pteexam-review-part-11	0:00	Vp E/A Pseudonormal	
11	https://ptemasters.com/lectures/high-yield-pteexam-review-part-11	2:10	doppler shift + and -	
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12	https://ptemasters.com/lectures/high-yield-pteexam-review-part-12	3:25	Aortic regurg severe and MS estimate MVA	
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12	https://ptemasters.com/lectures/high-yield-pteexam-review-part-12	9:18	Range ambiguity	
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13	https://ptemasters.com/lectures/high-yield-pteexam-review-part-13	0:00	Alaising	Error 17:10 see comments
13	https://ptemasters.com/lectures/high-yield-pteexam-review-part-13	1:37	LA dimensions	Increase diameter decreased Reynolds number Low =Laminar High=Turbulent
13	https://ptemasters.com/lectures/high-yield-pteexam-review-part-13	2:17	Focal Zone	less than 2000 laminar greater than 2000 Turbulent
13	https://ptemasters.com/lectures/high-yield-pteexam-review-part-13	2:49	Beam Diameter ?	
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14	https://ptemasters.com/lectures/high-yield-pteexam-review-part-14	0:00	Calc LVOT,Ao annulus,Sinus of Valsalva sinotubal junction	
14	https://ptemasters.com/lectures/high-yield-pteexam-review-part-14	5:50	Aliasing	
14	https://ptemasters.com/lectures/high-yield-pteexam-review-part-14	6:25	MR jet degree MR shape	
14	https://ptemasters.com/lectures/high-yield-pteexam-review-part-14	7:59	Persistent L superior vena cava	
14	https://ptemasters.com/lectures/high-yield-pteexam-review-part-14	9:50	Aliasing decresd with	
14	https://ptemasters.com/lectures/high-yield-pteexam-review-part-14	10:30	RV systole effect S2	
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15	https://ptemasters.com/lectures/high-yield-pteexam-review-part-15	0:30	LV Aneurysm site common inf	
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15	https://ptemasters.com/lectures/high-yield-pteexam-review-part-15	8:12	e/e' with low EF	
15	https://ptemasters.com/lectures/high-yield-pteexam-review-part-15	8:45	RV anatomy vs LV	
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18	https://ptemasters.com/lectures/high-yield-pteexam-review-part-18	13:32	Pulmonary Vein	
18	https://ptemasters.com/lectures/high-yield-pteexam-review-part-18	18:00	LVEDP/Diastolic dysfx	
18	https://ptemasters.com/lectures/high-yield-pteexam-review-part-18	25:15:00	EKG LAP PV Velocity graft, Transmitral PW doppler	
18	https://ptemasters.com/lectures/high-yield-pteexam-review-part-18	31:56:00	Vp Velocity	
18	https://ptemasters.com/lectures/high-yield-pteexam-review-part-18	32:50:00	Case AI	
19	https://ptemasters.com/lectures/high-yield-pteexam-review-part-19	0:00	Calc AS/AI LV pressure	
19	https://ptemasters.com/lectures/high-yield-pteexam-review-part-19	3:16	Change in P High P-LowP =4V2	
19	https://ptemasters.com/lectures/high-yield-pteexam-review-part-19	4:40	Deceleration Time Calc	
19	https://ptemasters.com/lectures/high-yield-pteexam-review-part-19	5:36	Severe MS	
19	https://ptemasters.com/lectures/high-yield-pteexam-review-part-19	6:28	DT	
19	https://ptemasters.com/lectures/high-yield-pteexam-review-part-19	7:08	MVA planimetry	
19	https://ptemasters.com/lectures/high-yield-pteexam-review-part-19	8:48	High Freq vs low freq Transducers	
19	https://ptemasters.com/lectures/high-yield-pteexam-review-part-19	9:50	Ways to decrease aliasing	
19	https://ptemasters.com/lectures/high-yield-pteexam-review-part-19	11:10	Carpentier class type 2 billowing prolapsing flail	
20	https://ptemasters.com/lectures/high-yield-pteexam-review-part-20	0:00	Perfusion chart	
20	https://ptemasters.com/lectures/high-yield-pteexam-review-part-20	4:35	LV systolic fx wall motion	
20	https://ptemasters.com/lectures/high-yield-pteexam-review-part-20	9:25	CW Doppler ID Deep TG AI vs Mitral inflow	
21	https://ptemasters.com/lectures/high-yield-pteexam-review-part-21	0:00	Pressure Recovery	
21	https://ptemasters.com/lectures/high-yield-pteexam-review-part-21	11:05	Peak to Peak vs Peak Instantaneous	
21	https://ptemasters.com/lectures/high-yield-pteexam-review-part-21	15:15	Doppler Eq	
21	https://ptemasters.com/lectures/high-yield-pteexam-review-part-21	20:49	MPI	

22	https://ptemasters.com/lectures/high-yield-pteexam-review-part-22	0:00	Learning make it stick	
22	https://ptemasters.com/lectures/high-yield-pteexam-review-part-22	2:05	Power Doppler Doppler Eq	
22	https://ptemasters.com/lectures/high-yield-pteexam-review-part-22	3:30	LAD wall	
22	https://ptemasters.com/lectures/high-yield-pteexam-review-part-22	3:52	PW E to A Velocity LA to leaflet tips	
22	https://ptemasters.com/lectures/high-yield-pteexam-review-part-22	5:00	CW Mitral PHT	
22	https://ptemasters.com/lectures/high-yield-pteexam-review-part-22	11:23	LV Aneurysm vs pseudo	
22	https://ptemasters.com/lectures/high-yield-pteexam-review-part-22	13:30	LAP calc	
22	https://ptemasters.com/lectures/high-yield-pteexam-review-part-22	15:10	Mech valve click	
22	https://ptemasters.com/lectures/high-yield-pteexam-review-part-22	16:02	ID structures PA pulm valveRV L PA SVC PDA	
22	https://ptemasters.com/lectures/high-yield-pteexam-review-part-22	17:10	Low pass filter wall	
22	https://ptemasters.com/lectures/high-yield-pteexam-review-part-22	18:05	Velocity tissue	
22	https://ptemasters.com/lectures/high-yield-pteexam-review-part-22	19:05	Heart tx RV failure	
22	https://ptemasters.com/lectures/high-yield-pteexam-review-part-22	20:47	$V = \text{wavelength} \times F$	
22	https://ptemasters.com/lectures/high-yield-pteexam-review-part-22	21:53	Doppler	
22	https://ptemasters.com/lectures/high-yield-pteexam-review-part-22	22:30	ID LAD CX LMT	
22	https://ptemasters.com/lectures/high-yield-pteexam-review-part-22	22:53	High Pass Wall filter	
22	https://ptemasters.com/lectures/high-yield-pteexam-review-part-22	25:15:00	TR Pressure calc Tricuspid leaflet	
22	https://ptemasters.com/lectures/high-yield-pteexam-review-part-22	27:40:00	ID Structures ?	
22	https://ptemasters.com/lectures/high-yield-pteexam-review-part-22	28:04:00	LV fx wall?	
22	https://ptemasters.com/lectures/high-yield-pteexam-review-part-22	30:56:00	Myxoma	
22	https://ptemasters.com/lectures/high-yield-pteexam-review-part-22	32:23:00	Tricuspid leaflets	
22	https://ptemasters.com/lectures/high-yield-pteexam-review-part-22	33:38:00	Systolic function	
22	https://ptemasters.com/lectures/high-yield-pteexam-review-part-22	34:50:00	ID structures coronary wall	
22	https://ptemasters.com/lectures/high-yield-pteexam-review-part-22	41:40:00	ID Aortic cusp 3D	
22	https://ptemasters.com/lectures/high-yield-pteexam-review-part-22	43:30:00	LVAD	
22	https://ptemasters.com/lectures/high-yield-pteexam-review-part-22	45:53:00	PHT AI	
23	https://ptemasters.com/lectures/high-yield-pteexam-review-part-23	0:00	Doppler Speed and direction power	
23	https://ptemasters.com/lectures/high-yield-pteexam-review-part-23	0:51	wavelength of 4 Hz $V = F \times \text{wavelength}$	
23	https://ptemasters.com/lectures/high-yield-pteexam-review-part-23	3:07	Epicardial SAX LV	
23	https://ptemasters.com/lectures/high-yield-pteexam-review-part-23	4:20	Doppler Eq edel 296 frq change $= V \cos 2\theta / c$	
23	https://ptemasters.com/lectures/high-yield-pteexam-review-part-23	5:50	LMT LAD Cx	
23	https://ptemasters.com/lectures/high-yield-pteexam-review-part-23	6:08	Increasing Velocity tissue	
23	https://ptemasters.com/lectures/high-yield-pteexam-review-part-23	6:48	Case ID Structure TOF /PI	

23	https://ptemasters.com/lectures/high-yield-pteexam-review-part-23	16:22	MR,P2 flail	
23	https://ptemasters.com/lectures/high-yield-pteexam-review-part-23	17:38	Id Structures Mitral	
23	https://ptemasters.com/lectures/high-yield-pteexam-review-part-23	21:01	High pass wall filter	
23	https://ptemasters.com/lectures/high-yield-pteexam-review-part-23	24:00:00	Mitral Clip Echo	
23	https://ptemasters.com/lectures/high-yield-pteexam-review-part-23	27:15:00	LVAD RVOT LVOT LVAD	
23	https://ptemasters.com/lectures/high-yield-pteexam-review-part-23	28:55:00	Relaxation and LAP	
23	https://ptemasters.com/lectures/high-yield-pteexam-review-part-23	30:01:00	LA max Vol	
23	https://ptemasters.com/lectures/high-yield-pteexam-review-part-23	31:04:00	Relaxation and LAP	
24	https://ptemasters.com/lectures/high-yield-pteexam-review-part-24	0:00	Case Hypoplastic L heart Dx label	
24	https://ptemasters.com/lectures/high-yield-pteexam-review-part-24	17:07	rejection vs High pass wall filter receiver fx	
24	https://ptemasters.com/lectures/high-yield-pteexam-review-part-24	21:39	ID structures Mitral 3D	Mitralclip criteria PDF v6
24	https://ptemasters.com/lectures/high-yield-pteexam-review-part-24	24:22:00	Ultrasound source and medium wavelength	
24	https://ptemasters.com/lectures/high-yield-pteexam-review-part-24	26:53:00	ID LMT,LAD,CX	
24	https://ptemasters.com/lectures/high-yield-pteexam-review-part-24	27:10:00	decreased aliasing artifact	
24	https://ptemasters.com/lectures/high-yield-pteexam-review-part-24	29:54:00	Epicardial structures	
24	https://ptemasters.com/lectures/high-yield-pteexam-review-part-24	30:28:00	High pass filters doppler	
24	https://ptemasters.com/lectures/high-yield-pteexam-review-part-24	32:05:00	Heart mate 3 Lvad	
24	https://ptemasters.com/lectures/high-yield-pteexam-review-part-24	33:26:00	age increase effect increased E/A and decreased e'	
24	https://ptemasters.com/lectures/high-yield-pteexam-review-part-24	34:29:00	Diastolic fx	
24	https://ptemasters.com/lectures/high-yield-pteexam-review-part-24	38:50:00	LAP	
24	https://ptemasters.com/lectures/high-yield-pteexam-review-part-24	39:44:00	TR jet velocity LV filling pressures	
25	https://ptemasters.com/lectures/high-yield-pteexam-review-part-25	0:00	UE Ascending Aortic arch SAX	Mitralclip criteria pdf V6
25	https://ptemasters.com/lectures/high-yield-pteexam-review-part-25	1:14	$V = \text{wavelength} \times F$	
25	https://ptemasters.com/lectures/high-yield-pteexam-review-part-25	3:12	Bone Density	
25	https://ptemasters.com/lectures/high-yield-pteexam-review-part-25	3:30	MR mech severity	
25	https://ptemasters.com/lectures/high-yield-pteexam-review-part-25	7:30	TOF	
25	https://ptemasters.com/lectures/high-yield-pteexam-review-part-25	12:40	ID structures RA Mitral clip	
25	https://ptemasters.com/lectures/high-yield-pteexam-review-part-25	17:50	Aneurysm vs pseudo	
25	https://ptemasters.com/lectures/high-yield-pteexam-review-part-25	20:37	Velocity	
25	https://ptemasters.com/lectures/high-yield-pteexam-review-part-25	21:08	Type of prosthetic valve lines	
25	https://ptemasters.com/lectures/high-yield-pteexam-review-part-25	22:22	Epicardial label	
25	https://ptemasters.com/lectures/high-yield-pteexam-review-part-25	23:45	PW Mitral	
25	https://ptemasters.com/lectures/high-yield-pteexam-review-part-25	25:03:00	Mitral Clip Echo	

25	https://ptemasters.com/lectures/high-yield-pteexam-review-part-25	31:10:00	LVAD flow AI	
25	https://ptemasters.com/lectures/high-yield-pteexam-review-part-25	33:58:00	LVAD flow AI	
26	https://ptemasters.com/lectures/high-yield-pteexam-review-part-26	0:00	High/Low pass wall filter	
26	https://ptemasters.com/lectures/high-yield-pteexam-review-part-26	3:10	Power Doppler/Energy mode Color angio	
26	https://ptemasters.com/lectures/high-yield-pteexam-review-part-26	5:39	TDI	
26	https://ptemasters.com/lectures/high-yield-pteexam-review-part-26	6:40	ID structures 3D echo	
26	https://ptemasters.com/lectures/high-yield-pteexam-review-part-26	7:45	TDI	
26	https://ptemasters.com/lectures/high-yield-pteexam-review-part-26	9:10	Case LAP Ebstein's anomaly	
26	https://ptemasters.com/lectures/high-yield-pteexam-review-part-26	15:40	Case Doppler low pass wall filter	
26	https://ptemasters.com/lectures/high-yield-pteexam-review-part-26	17:07	Doppler Eq	
26	https://ptemasters.com/lectures/high-yield-pteexam-review-part-26	18:34	ID Structures LMT LAD CX	
26	https://ptemasters.com/lectures/high-yield-pteexam-review-part-26	18:56	LAP calc	
26	https://ptemasters.com/lectures/high-yield-pteexam-review-part-26	21:46	Severity of MS	
26	https://ptemasters.com/lectures/high-yield-pteexam-review-part-26	22:45	CW PHT Velocity is $0.71xV$	
26	https://ptemasters.com/lectures/high-yield-pteexam-review-part-26	27:02:00	ID Structures RA	
26	https://ptemasters.com/lectures/high-yield-pteexam-review-part-26	28:51:00	FAC EF FS order vcf formula nl valvesFS/ET	
26	https://ptemasters.com/lectures/high-yield-pteexam-review-part-26	31:46:00	LU and LL Pul veins	
26	https://ptemasters.com/lectures/high-yield-pteexam-review-part-26	32:24:00	last step of receiver	
26	https://ptemasters.com/lectures/high-yield-pteexam-review-part-26	34:05:00	label RU and RL Pul veins	
26	https://ptemasters.com/lectures/high-yield-pteexam-review-part-26	34:58:00	Case TDI increased LAP	
26	https://ptemasters.com/lectures/high-yield-pteexam-review-part-26	36:02:00	Bubble study how many cycles	
26	https://ptemasters.com/lectures/high-yield-pteexam-review-part-26	37:02:00	Epicardial probe	
26	https://ptemasters.com/lectures/high-yield-pteexam-review-part-26	38:52:00	diastolic fx	
26	https://ptemasters.com/lectures/high-yield-pteexam-review-part-26	40:40:00	LVAD and AI	
27	https://ptemasters.com/lectures/high-yield-pteexam-review-part-27	0:00	Image name procedure	PDF 20 prosthetic valves
27	https://ptemasters.com/lectures/high-yield-pteexam-review-part-27	0:27	Watchman PW doppler of diastolic mitral inflow findings	
27	https://ptemasters.com/lectures/high-yield-pteexam-review-part-27	9:53	Prosthetic valves properties	Coronary artery Perfusion
27	https://ptemasters.com/lectures/high-yield-pteexam-review-part-27	13:56	Id LMT CX LAD	
27	https://ptemasters.com/lectures/high-yield-pteexam-review-part-27	15:10	3D Aortic /Mitral	
27	https://ptemasters.com/lectures/high-yield-pteexam-review-part-27	15:36	CW Aortic Valve High wall filter	
27	https://ptemasters.com/lectures/high-yield-pteexam-review-part-27	19:01	Velocity tissue	
27	https://ptemasters.com/lectures/high-yield-pteexam-review-part-27	19:27	Low pass wall filter	
27	https://ptemasters.com/lectures/high-yield-pteexam-review-part-27	20:05	Doppler Ultrasound Doppler EQ	
27	https://ptemasters.com/lectures/high-yield-pteexam-review-part-27	21:50	$V = \text{wavelength} \times F$	

27	https://ptemasters.com/lectures/high-yield-pteexam-review-part-27	23:40	Epicardial ID structures	
27	https://ptemasters.com/lectures/high-yield-pteexam-review-part-27	25:10:00	Occ of vessel LMT Cx LAD	
27	https://ptemasters.com/lectures/high-yield-pteexam-review-part-27	26:03:00	$V = \text{wavelength} \times F$	
27	https://ptemasters.com/lectures/high-yield-pteexam-review-part-27	28:04:00	VSD perimembranous vs subpulmonic	
27	https://ptemasters.com/lectures/high-yield-pteexam-review-part-27	30:10:00	Impaired Relaxation/Afib	
27	https://ptemasters.com/lectures/high-yield-pteexam-review-part-27	31:51:00	Tumors most common benign etc	
27	https://ptemasters.com/lectures/high-yield-pteexam-review-part-27	39:30:00	Ebstein's Anomaly WPW Secundum ASD ant sai leaflet	
28-funky-flow	https://ptemasters.com/lectures/high-yield-pteexam-review-part-28-funky-flow	0:00	VSD Sinus of Valsalva aneurysm rupture	
28-funky-flow	https://ptemasters.com/lectures/high-yield-pteexam-review-part-28-funky-flow	5:10	RVSP vs VSD	
28-funky-flow	https://ptemasters.com/lectures/high-yield-pteexam-review-part-28-funky-flow	9:19	Gerbode defect Gradient flow/Flow TR jet,VSD,ASD,MR,AI,PDA	
28-funky-flow	https://ptemasters.com/lectures/high-yield-pteexam-review-part-28-funky-flow	16:35	Avalon Catheter VV ecmo	
28-funky-flow	https://ptemasters.com/lectures/high-yield-pteexam-review-part-28-funky-flow	24:00:00	Something wrong Sinus of valsalva aneurysm	
29	https://ptemasters.com/lectures/high-yield-pteexam-review-part-29	0:00	Case HOCM,genetics,CW doppler dagger,Post wall Inf lateral spared	
29	https://ptemasters.com/lectures/high-yield-pteexam-review-part-29	11:23	Case impella shallow	
29	https://ptemasters.com/lectures/high-yield-pteexam-review-part-29	20:45	Case post MVR/TVR inverted LAA	
30	https://ptemasters.com/lectures/high-yield-pteexam-review-part-30	0:00	Match lesion VSD	
30	https://ptemasters.com/lectures/high-yield-pteexam-review-part-30	7:45	Noncompaction vs compaction	
30	https://ptemasters.com/lectures/high-yield-pteexam-review-part-30	13:17	Temporal Resolution Mode frame rate	
30	https://ptemasters.com/lectures/high-yield-pteexam-review-part-30	15:05	dp/dt for RV	
30	https://ptemasters.com/lectures/high-yield-pteexam-review-part-30	19:11	MPI for RV blood flow tissue greater than .4 Abd CW greater than .55 TDI	
30	https://ptemasters.com/lectures/high-yield-pteexam-review-part-30	24:54:00	resonant Freq formulas	
30	https://ptemasters.com/lectures/high-yield-pteexam-review-part-30	27:56:00	VSD	
30	https://ptemasters.com/lectures/high-yield-pteexam-review-part-30	30:56:00	PRF Nyquist limit max doppler shift $PRF = 2NL$ $NL = 1/2 PRF$	
31	https://ptemasters.com/lectures/high-yield-pteexam-review-part-31	0:00	Pressure Gradient peak to peak cath peak instantous TEE	
31	https://ptemasters.com/lectures/high-yield-pteexam-review-part-31	5:26	Impella depth	
31	https://ptemasters.com/lectures/high-yield-pteexam-review-part-31	7:00	Medium Density stiffnes	
31	https://ptemasters.com/lectures/high-yield-pteexam-review-part-31	13:40	Case HOCM	
31	https://ptemasters.com/lectures/high-yield-pteexam-review-part-31	20:09	Congenital matching	

31	https://ptemasters.com/lectures/high-yield-pteexam-review-part-31	28:05:00	Case Pul valve gradient	
31	https://ptemasters.com/lectures/high-yield-pteexam-review-part-31	30:38:00	Case RVH TOF VSD	
31	https://ptemasters.com/lectures/high-yield-pteexam-review-part-31	34:19:00	Impella	
31	https://ptemasters.com/lectures/high-yield-pteexam-review-part-31	35:54:00	Match CHD TOF most common cause of cyanosis	
32	https://ptemasters.com/lectures/high-yield-pteexam-review-part-32	0:00	Thanks	
32	https://ptemasters.com/lectures/high-yield-pteexam-review-part-32	2:08	Coronary perfusion	
32	https://ptemasters.com/lectures/high-yield-pteexam-review-part-32	2:41	Blood vessel artifact what is perfused artifacts	
32	https://ptemasters.com/lectures/high-yield-pteexam-review-part-32	7:09	CHD match	Transposition pdf d-tga l-tga v5
32	https://ptemasters.com/lectures/high-yield-pteexam-review-part-32	19:00	ID wire RUPV	
32	https://ptemasters.com/lectures/high-yield-pteexam-review-part-32	20:49	3 D Mitral	
32	https://ptemasters.com/lectures/high-yield-pteexam-review-part-32	22:14	Case HOCM Intertrigone distance size, annuoplasty ring	
32	https://ptemasters.com/lectures/high-yield-pteexam-review-part-32	22:15	SAM	
32	https://ptemasters.com/lectures/high-yield-pteexam-review-part-32	30:09:00	VSD Sinus of valsalva fistula	
32	https://ptemasters.com/lectures/high-yield-pteexam-review-part-32	37:00:00	VSD repair	
33	https://ptemasters.com/lectures/high-yield-pteexam-review-part-33	0:00	Diastolic fx	diastolic fx guidelines update
33	https://ptemasters.com/lectures/high-yield-pteexam-review-part-33	3:30	Physics matching	
33	https://ptemasters.com/lectures/high-yield-pteexam-review-part-33	9:55	Dynamic Range compression	
33	https://ptemasters.com/lectures/high-yield-pteexam-review-part-33	19:12	Resolution axial lateral elevational best to worse	
33	https://ptemasters.com/lectures/high-yield-pteexam-review-part-33	21:30	Prosthetic valves matching	
33	https://ptemasters.com/lectures/high-yield-pteexam-review-part-33	23:43	Middle Cardiac vein	
33	https://ptemasters.com/lectures/high-yield-pteexam-review-part-33	24:50:00	PISA	
33	https://ptemasters.com/lectures/high-yield-pteexam-review-part-33	29:09:00	Diastolic fx	
33	https://ptemasters.com/lectures/high-yield-pteexam-review-part-33	30:42:00	Coronary perfusion	
33	https://ptemasters.com/lectures/high-yield-pteexam-review-part-33	34:45:00	Cardiac Tamponade	
34	https://ptemasters.com/lectures/high-yield-pteexam-review-part-34	0:00	Valve Path Match, Pericardial disease Formulas Syndrome matching Oblique and Transverse sinus	
34	https://ptemasters.com/lectures/high-yield-pteexam-review-part-34	17:35	Ecmo case AS Transapical TAVR	
34	https://ptemasters.com/lectures/high-yield-pteexam-review-part-34	24:10:00	Lariat case view 25 Septal puncture 90-100degree Inf /Sup Watchman	
34	https://ptemasters.com/lectures/high-yield-pteexam-review-part-34	27:25:00	IAS puncture chart	
34	https://ptemasters.com/lectures/high-yield-pteexam-review-part-34	28:13:00	PISA	

34	https://ptemasters.com/lectures/high-yield-pteexam-review-part-34	30:00:00	AR diastolic MR severe MR	
34	https://ptemasters.com/lectures/high-yield-pteexam-review-part-34	31:05:00	RVSP,PASP calcRAP+TR Vmax RAP +PG	
34	https://ptemasters.com/lectures/high-yield-pteexam-review-part-34	32:24:00	wavelength 9 mHz probe units!!	
35	https://ptemasters.com/lectures/high-yield-pteexam-review-part-35	0:00	U/S time to travel back and forth	Pressure Recovery aortic valve stenosis.001.jpeg001
35	https://ptemasters.com/lectures/high-yield-pteexam-review-part-35	1:42	Epicardial echo MV/AV	Prepressure Recovery Questions
35	https://ptemasters.com/lectures/high-yield-pteexam-review-part-35	7:02	Diastolic fx	watchman card LAA devise v2
35	https://ptemasters.com/lectures/high-yield-pteexam-review-part-35	9:27	TAVR, Dimension index	
35	https://ptemasters.com/lectures/high-yield-pteexam-review-part-35	14:28	Watchman	
35	https://ptemasters.com/lectures/high-yield-pteexam-review-part-35	15:41	Diastolic fx	
35	https://ptemasters.com/lectures/high-yield-pteexam-review-part-35	16:38	Pulmonic Valve PAMP PADP	
35	https://ptemasters.com/lectures/high-yield-pteexam-review-part-35	19:38	RVSP with TR jet + RAP PASP=RVSP-PV gradient	
35	https://ptemasters.com/lectures/high-yield-pteexam-review-part-35	23:12	Watchman	
35	https://ptemasters.com/lectures/high-yield-pteexam-review-part-35	28:12:00	Pressure Recovery	
36	https://ptemasters.com/lectures/high-yield-pteexam-review-part-36	0:00	Diastolic fx Pulmonary vein ID	Watchman card LAA device v2
36	https://ptemasters.com/lectures/high-yield-pteexam-review-part-36	1:41	TVR Bio	
36	https://ptemasters.com/lectures/high-yield-pteexam-review-part-36	3:25	MR Carpentier class	
36	https://ptemasters.com/lectures/high-yield-pteexam-review-part-36	15:10	Watchman	
36	https://ptemasters.com/lectures/high-yield-pteexam-review-part-36	25:05:00	UE ID Structures Aorta RU pul vein R PA SVC	
36	https://ptemasters.com/lectures/high-yield-pteexam-review-part-36	28:05:00	Watchman	
37	https://ptemasters.com/lectures/high-yield-pteexam-review-part-37	0:00	Pressure Recovery	Pressure recovery cos theta peak to peak vs instantaneous .007
37	https://ptemasters.com/lectures/high-yield-pteexam-review-part-37	1:57	Doppler Eq	Pressure recovery cos theta peak to peak vs instantaneous .006
37	https://ptemasters.com/lectures/high-yield-pteexam-review-part-37	4:00	Pressure Recovery	pressure recovery peak to peak and cos theta
37	https://ptemasters.com/lectures/high-yield-pteexam-review-part-37	11:00	TR in coronary Sinus	Pressure recovery cos theta peak to peak vs instantaneous .003
37	https://ptemasters.com/lectures/high-yield-pteexam-review-part-37	16:09	Hepatic vein TR	
37	https://ptemasters.com/lectures/high-yield-pteexam-review-part-37	17:39	Epiaortic vein ID Structres aorta SVC R PA	
37	https://ptemasters.com/lectures/high-yield-pteexam-review-part-37	19:52	ID Structures Aorta, RUPV, RPA,SVC	
37	https://ptemasters.com/lectures/high-yield-pteexam-review-part-37	21:54	Post bypass views Wall perfusion	
37	https://ptemasters.com/lectures/high-yield-pteexam-review-part-37	25:02:00	Backing Material questions	
37	https://ptemasters.com/lectures/high-yield-pteexam-review-part-37	26:39:00	Backing Material Damping material	
38	https://ptemasters.com/lectures/high-yield-pteexam-review-part-38	0:00	COVID Kawasaki	

38	https://ptemasters.com/lectures/high-yield-pteexam-review-part-38	1:47	Mitral Stenosis Rheumatic small L to R shunt ASD Lutenbacher syndrome	
38	https://ptemasters.com/lectures/high-yield-pteexam-review-part-38	13:10	angle between blood flow and beam alignment calc cosign at 10,20,30,60% doppler	
38	https://ptemasters.com/lectures/high-yield-pteexam-review-part-38	17:00	ID Structure RA	
38	https://ptemasters.com/lectures/high-yield-pteexam-review-part-38	21:43	AR classification VSD	
38	https://ptemasters.com/lectures/high-yield-pteexam-review-part-38	26:30:00	L atrial myxoma Caney complex NAME LAMB	
38	https://ptemasters.com/lectures/high-yield-pteexam-review-part-38	34:40:00	less than 15 Rhabdomyomas	
38	https://ptemasters.com/lectures/high-yield-pteexam-review-part-38	36:30:00	Reflection Acoustic Impedance	
38	https://ptemasters.com/lectures/high-yield-pteexam-review-part-38	37:10:00	Bicuspid aortic Valve /Aorta more common in men	
38	https://ptemasters.com/lectures/high-yield-pteexam-review-part-38	47:08:00	Shone Complex	
38	https://ptemasters.com/lectures/high-yield-pteexam-review-part-38	50:54:00	Calc LAP MV EROA MV RVol	
38	https://ptemasters.com/lectures/high-yield-pteexam-review-part-38	55:42:00	MV inflow diastolic fx	
38	https://ptemasters.com/lectures/high-yield-pteexam-review-part-38	57:45:00	Middle Cardiac vein CS	
38	https://ptemasters.com/lectures/high-yield-pteexam-review-part-38	58:48:00	CHD matching	
38	https://ptemasters.com/lectures/high-yield-pteexam-review-part-38	1:02:02	Calc LVEDP	
38	https://ptemasters.com/lectures/high-yield-pteexam-review-part-38	1:05:06	Calc LAP with ASD/PFO	
39	https://ptemasters.com/lectures/high-yield-pteexam-review-part-39	0:00	CW vs PW Backing material Damping mat QF Bandwidth Ped Off CW only sensitivity to returning QF =RF/BW	
39	https://ptemasters.com/lectures/high-yield-pteexam-review-part-39	10:23	most common cause of primary MR	
39	https://ptemasters.com/lectures/high-yield-pteexam-review-part-39	13:04	Calc Wavelength =V/F	
39	https://ptemasters.com/lectures/high-yield-pteexam-review-part-39	15:43	Diastolic fx	
39	https://ptemasters.com/lectures/high-yield-pteexam-review-part-39	16:40	PISA MR Calc MR EROA	
39	https://ptemasters.com/lectures/high-yield-pteexam-review-part-39	20:10	TOF Alagille syndrome MR RVOL	
39	https://ptemasters.com/lectures/high-yield-pteexam-review-part-39	29:50:00	Severe primary MR	PDF 9 Valvular regurg and stenosis v3
40	https://ptemasters.com/lectures/high-yield-pteexam-review-part-40	0:00	LA vs RA Isomorphism Situs Inversus	diastolic fx guideline update
40	https://ptemasters.com/lectures/high-yield-pteexam-review-part-40	3:56	AR classification	PDF 9 Valvular regurg and stenosis v4
40	https://ptemasters.com/lectures/high-yield-pteexam-review-part-40	6:39	primary vs secondary TR more Common secondary fx	diastolic fx figure
40	https://ptemasters.com/lectures/high-yield-pteexam-review-part-40	7:00	primary TR most myxomatous ??	Carpentier Mitral leaflet motion MR .011
40	https://ptemasters.com/lectures/high-yield-pteexam-review-part-40	8:39	doppler Transmitral profile	SAM predictors HOCM systolic ant motion .001

40	https://ptemasters.com/lectures/high-yield-pteexam-review-part-40	11:33	Case LVAD	
40	https://ptemasters.com/lectures/high-yield-pteexam-review-part-40	19:30	Pulmonary vein profile MR MS CHB	
40	https://ptemasters.com/lectures/high-yield-pteexam-review-part-40	22:39	Case Mitral flail SAM Carpentier class	
40	https://ptemasters.com/lectures/high-yield-pteexam-review-part-40	36:50:00	Improve Temporal Resolution	
41	https://ptemasters.com/lectures/high-yield-pteexam-review-part-41	0:00	Snell's law	Movie 346 PISA MV area and MV stroke Vol still 2.v3
41	https://ptemasters.com/lectures/high-yield-pteexam-review-part-41	6:18	Matching layer PZT crystal wavelength	Movie 346 PISA MV area and MV stroke Vol still 5
41	https://ptemasters.com/lectures/high-yield-pteexam-review-part-41	7:27	ID Pleural effusion	Refraction Snell's law .001
41	https://ptemasters.com/lectures/high-yield-pteexam-review-part-41	11:50	Calc Peak gradient across aortic and pulmonic valves	Refraction Snell's law .002
41	https://ptemasters.com/lectures/high-yield-pteexam-review-part-41	16:20	Color Map Variance	
41	https://ptemasters.com/lectures/high-yield-pteexam-review-part-41	20:40	Case HOCM Air after CPB	
41	https://ptemasters.com/lectures/high-yield-pteexam-review-part-41	27:50:00	VSD Matching Inlet VSD	
41	https://ptemasters.com/lectures/high-yield-pteexam-review-part-41	29:51:00	MVA PISA	
41	https://ptemasters.com/lectures/high-yield-pteexam-review-part-41	39:51:00	Diastolic fx	
42	https://ptemasters.com/lectures/high-yield-pteexam-review-part-42	0:00	Case VSD	SAM predictors HOCM systolic ant motion .001
42	https://ptemasters.com/lectures/high-yield-pteexam-review-part-42	10:53	Physics matching transducers Doppler	
42	https://ptemasters.com/lectures/high-yield-pteexam-review-part-42	15:38	MR ? SAM parameters Carpentiers classification	
42	https://ptemasters.com/lectures/high-yield-pteexam-review-part-42	31:33:00	Backing material	
42	https://ptemasters.com/lectures/high-yield-pteexam-review-part-42	11:18	Aortic Regurg Class	
42	https://ptemasters.com/lectures/high-yield-pteexam-review-part-42	37:05:00	VSD	
42	https://ptemasters.com/lectures/high-yield-pteexam-review-part-42	39:09:00	Case Mitral ecmo LA thrombus	
42	https://ptemasters.com/lectures/high-yield-pteexam-review-part-42	42:51:00	RVSP Calc with TR	
42	https://ptemasters.com/lectures/high-yield-pteexam-review-part-42	47:11:00	Calc Pulmonary artery mean pressure	
42	https://ptemasters.com/lectures/high-yield-pteexam-review-part-42	50:26:00	Calc dp/dt review adv systolic)	
43	https://ptemasters.com/lectures/high-yield-pteexam-review-part-43	0:00	Case TR TS prosthetic valve RVSP AAS	
43	https://ptemasters.com/lectures/high-yield-pteexam-review-part-43	10:00	RV perf Rv dp/dt RV MPI	
43	https://ptemasters.com/lectures/high-yield-pteexam-review-part-43	12:10	Case long axis AV Impella 5.5 5cm	
43	https://ptemasters.com/lectures/high-yield-pteexam-review-part-43	24:02:00	PW doppler transmitral inflow	
43	https://ptemasters.com/lectures/high-yield-pteexam-review-part-43	26:10:00	LV wall perfusion LV SAX long axis AV ant ID	
43	https://ptemasters.com/lectures/high-yield-pteexam-review-part-43	32:05:00	Calc MVA	
43	https://ptemasters.com/lectures/high-yield-pteexam-review-part-43	35:19:00	Case Mitral clip SAM MV area	