

CAUSES	PATHOPHYSIOLOGY	COMPLICATIONS	HEART SOUNDS	DIAGNOSIS	TREATMENT												
DILATED CARDIOMYOPATHY	DILATED CARDIOMYOPATHY	DILATED CARDIOMYOPATHY	DILATED CARDIOMYOPATHY	DILATED CARDIOMYOPATHY	DILATED CARDIOMYOPATHY												
<ul style="list-style-type: none"> - MYOCARDIAL DYSFUNCTION DUE TO DILATED HEART CHAMBERS - PERIPARTUM CARDIOMYOPATHY - TAKOTSUBO CARDIOMYOPATHY - TACHYCARDIC CARDIOMYOPATHY <p>A B C C C D</p>	<p>NORMAL SARCOMERES</p> <p>SARCOMERES IN "SERIES"</p> <p>VENTRICULAR DILATION & THIN VENTRICULAR WALLS</p>	<p>PULMONARY EDEMA</p> <p>HEPATOMEGALY</p> <p>PEDAL EDEMA</p>	<p>S₁</p> <p>MITRAL & TRICUSPID REGURGITATION</p>	<ul style="list-style-type: none"> - WALL THICKNESS - DIAMETER OF VENTRICULAR CAVITY - EJECTION FRACTION - VENTRICULAR COMPLIANCE - VALVULAR ABNORMALITIES 	<p>↓ PRELOAD</p> <p>↓ AFTERLOAD</p> <p>↑ CONTRACTILITY</p> <p>VT/VF IF EF < 35% →</p> <p>↓ CARDIAC REMODELING</p> <p>ANTICOAGULATION (A.Fib Or VT)</p> <p>REFRACTORY CASES</p>												
HYPERTROPHIC CARDIOMYOPATHY	HYPERTROPHIC CARDIOMYOPATHY	HYPERTROPHIC CARDIOMYOPATHY	HYPERTROPHIC CARDIOMYOPATHY	HYPERTROPHIC CARDIOMYOPATHY	HYPERTROPHIC CARDIOMYOPATHY												
<ul style="list-style-type: none"> - MYOCARDIAL DYSFUNCTION DUE TO ASYMMETRIC HYPERTROPHY OF THE INTERVENTRICAL SEPTUM. - GENETIC - FRIEDREICH ATAXIA - TRIAD: - - - 	<p>NORMAL SARCOMERES</p> <p>SARCOMERES IN "PARALLEL"</p> <p>SMALL VENTRICULAR DIAMETER & THICK VENTRICULAR WALLS (INTERVENTRICAL SEPTUM)</p>	<p>MYOCARDIAL ISCHEMIA</p> <p>SYNCOPE</p>	<p>S₄</p> <p>MITRAL REGURGITATION</p> <p>SYSTOLIC EJECTION MURMUR</p> <p>↑ INTENSITY PRELOAD ex: ↓ INTENSITY PRELOAD ex:</p> <p>↑ AFTERLOAD ex: HAND GRIPS</p>	<ul style="list-style-type: none"> - WALL THICKNESS ASYMMETRIC THICKENING -> SEPTUM - DIAMETER OF VENTRICULAR CAVITY - EJECTION FRACTION - VENTRICULAR COMPLIANCE - VALVULAR ABNORMALITIES VIB 	<p>↓ PRELOAD</p> <p>↓ AFTERLOAD</p> <p>↑ CONTRACTILITY</p> <p>AVOID:<ul style="list-style-type: none"> - AVOID - GIVE </p> <p>VT/VF → AICD</p> <p>INVASIVE PROCEDURES</p>												
RESTRICTIVE CARDIOMYOPATHY	RESTRICTIVE CARDIOMYOPATHY	RESTRICTIVE CARDIOMYOPATHY	RESTRICTIVE CARDIOMYOPATHY	RESTRICTIVE CARDIOMYOPATHY	RESTRICTIVE CARDIOMYOPATHY												
<ul style="list-style-type: none"> - MYOCARDIAL DYSFUNCTION DUE TO FIBROSIS AND/OR INFILTRATION OF CARDIAC TISSUE - R - A - SARCOIDOSIS - HEMORRHAGE - FOUND IN BOTH RESTRICTIVE AND DILATED CARDIOMYOPATHY 	<p>NORMAL CARDIAC TISSUE</p> <p>FIBROSIS & INFILTRATION OF CARDIAC TISSUE</p>	<p>PULMONARY EDEMA</p> <p>HEPATOMEGLAY</p> <p>PEDAL EDEMA</p>	<p>S₃</p> <p>MITRAL + TRICUSPID REGURGITATION</p> <p>SIGN: ↑ IN JVP DURING INSPIRATION</p>	<ul style="list-style-type: none"> - WALL THICKNESS IF IT DOESN'T SYMMETRIC - DIAMETER OF VENTRICULAR CAVITY - EJECTION FRACTION - VENTRICULAR COMPLIANCE - VALVULAR ABNORMALITIES + DUE TO BILATERAL ATRIAL ENLARGEMENT 	<p>GENTLY ↓ PRELOAD</p> <p>GENTLY ↓ AFTERLOAD</p> <p>ANTICOAGULATION (A.Fib)</p> <p>REFRACTORY CASES</p>												
CLINICAL PEARLS <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">CONSTRICITIVE PERICARDITIS</td> <td style="width: 50%;">RESTRICTIVE CARDIOMYOPATHY</td> </tr> <tr> <td>HEART SOUNDS</td> <td></td> </tr> <tr> <td>ECG</td> <td></td> </tr> <tr> <td>ECHO</td> <td></td> </tr> <tr> <td>CT/MRI</td> <td></td> </tr> <tr> <td>CARDIAC CATH</td> <td></td> </tr> </table>						CONSTRICITIVE PERICARDITIS	RESTRICTIVE CARDIOMYOPATHY	HEART SOUNDS		ECG		ECHO		CT/MRI		CARDIAC CATH	
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NINJA NERD