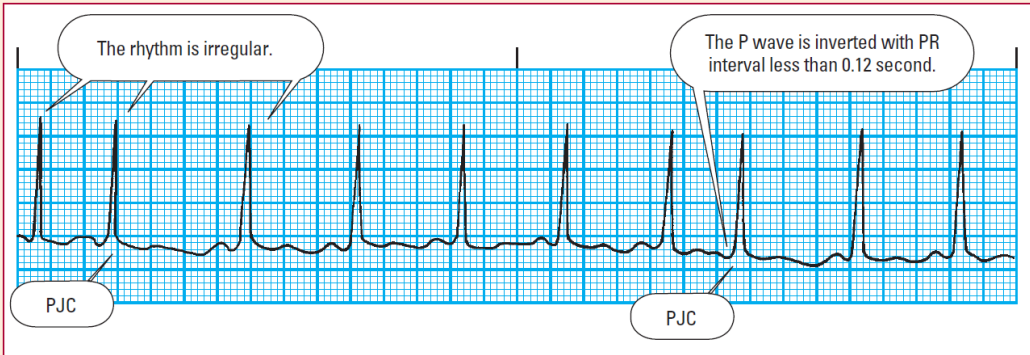
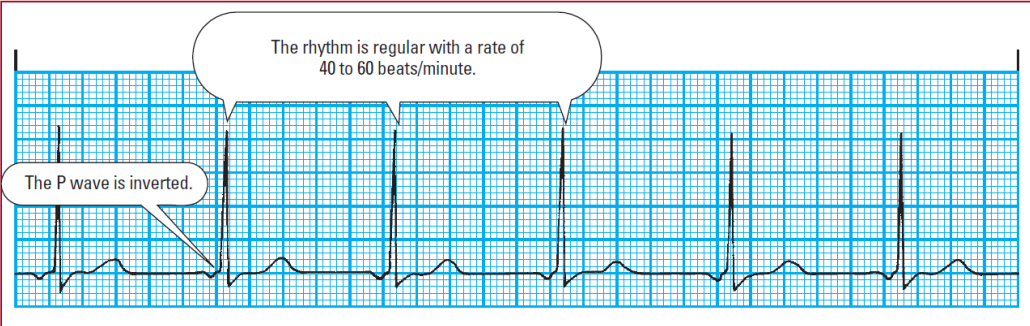
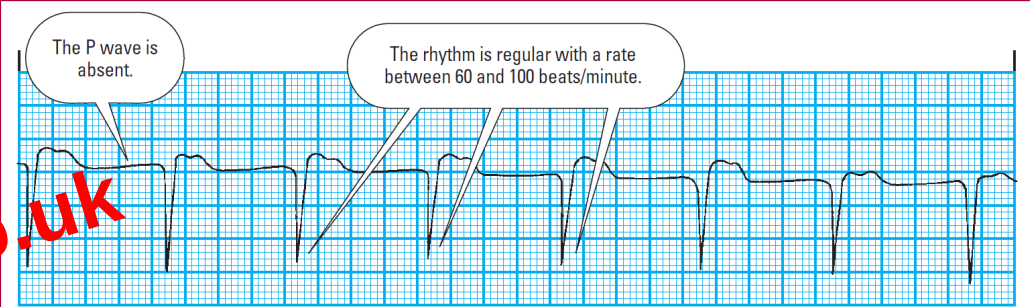
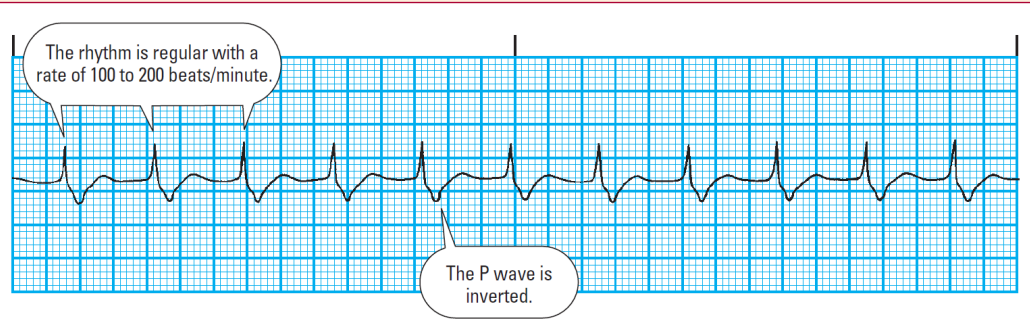


LOCATION	TYPES	RHYTHM	HR	ECG	CAUSES
JUNCTIONAL ARRHYTHMIAS INVERTED P WAVES PR INTERVAL <0.12 s	PREMATURE JUNCTIONAL CONTRACTIONS	IRREGULAR	100	 The rhythm is irregular. The P wave is inverted with PR interval less than 0.12 second. PJC PJC - Rhythm: Irregular atrial and ventricular rhythms - Rate: 100 beats/minute - P wave: Inverted and precedes the QRS complex with PJC; otherwise normal configuration - PR interval: 0.14 second for the underlying rhythm and 0.06 second for the PJC - QRS complex: 0.06 second - T wave: Normal configuration - QT interval: 0.36 second - Other: Pause after PJC	AN IRRITABLE LOCATION WITHIN THE AV JUNCTION ACTS AS A PACEMAKER AND FIRES WITHER PREMATURELY OR OUT OF SEQUENCE
	JUNCTIONAL ESCAPE RHYTHM	REGULAR	40-60	 The rhythm is regular with a rate of 40 to 60 beats/minute. The P wave is inverted. - Rhythm: Regular - Rate: 60 beats/minute - P wave: Inverted and preceding each QRS complex - PR interval: 0.10 second - QRS complex: 0.10 second - T wave: Normal - QT interval: 0.44 second - Other: None	HIGHER PACEMAKER SITES SLOW DOWN OR FAIL TO FIRE OR CONDUCT CAUSED BY ANY CONDITION THAT DISTURBS SA NODE FUNCTION OR ENHANCES AV JUNCTION AUTOMATICITY SICK SINUS SYNDROME VAGAL STIMULATION DIGITALIS TOXICITY INFERIOR WALL MI RHEUMATIC HEART DISEASE
	ACCELERATED JUNCTIONAL RHYTHM	REGULAR	60-100	 The P wave is absent. The rhythm is regular with a rate between 60 and 100 beats/minute. - Rhythm: Regular - Rate: 80 beats/minute - P wave: Absent - PR interval: Unmeasurable - QRS complex: 0.10 second - T wave: Normal - QT interval: 0.32 second - Other: None	AN IRRITABLE FOCUS IN THE AV JUNCTION THAT SPEEDS UP TO TAKE OVER AS THE HEARTS PACEMAKER ATRIA ARE DEPOLARISED BY RETROGRADE CONDUCTION VENTRICLES ARE DEPOLARISED NORMALLY CAUSED BY CONDITIONS THAT AFFECT SA NODE OR AV NODE AUTOMATICITY DIGITALIS TOXICITY HYPOKALEMIA INFERIOR OR POSTERIOR WALL MI RHEUMATIC HEART DISEASE VALVULAR HEART DISEASE
	JUNCTIONAL TACHYCARDIA	REGULAR	100-160	 The rhythm is regular with a rate of 100 to 200 beats/minute. The P wave is inverted. - Rhythm: Atrial and ventricular—regular - Rate: Atrial and ventricular—115 beats/minute - P wave: Inverted; follows QRS complex - PR interval: Unmeasurable - QRS complex: 0.08 second - T wave: Normal - QT interval: 0.36 second - Other: None	AN IRRITABLE FOCUS FROM THE AV JUNCTION HAS ENHANCED AUTOMATICITY OVERRIDING THE SA NODE TO FUNCTION AS THE HEART'S PACEMAKER THREE OR MORE PJCS OCCURRING IN A ROW DIGITALIS TOXICITY INFERIOR OR POSTERIOR WALL MI CONGENITAL HEART DISEASE SWELLING OF AV JUNCTION AFTER HEART SURGERY
	WOLFF-PARKINSON-WHITE SYNDROME				A CONDUCTION BYPASS DEVELOPS OUTSIDE THE AV JUNCTION AND CONNECTS THE ATRIA AND VENTRICLES [BUNDLE OF KENT] IMPULSES ARE NOT DELAYED AT THE AV JUNCTION THEREFORE CONDUCTION IS ABNORMALLY FAST SHORTENED PR INTERVAL AND WIDENED QRS COMPLEX BEGINNING OF QRS COMPLEX LOOKS SLURRED BECAUSE OF ALTERED VENTRICULAR DEPOLARISATION —[DELTA WAVE]