Type	Code	Label	Localisation (qualifier)	Conclusion Mandatory	Sanity Check	Comparison with Baseline
01. Q or Qs pattern	100a	Small Q waves in inferior leads, consider normal variant		1105	NO	
01. Q or Qs pattern	100b	Small Q waves in inferior leads		1108	NO	
01. Q or Qs pattern	101a	Acute Myocardial Infarction	x	1109	YES	
01. Q or Qs pattern	101b	Possible Acute MI	x	1109	YES	
01. Q or Qs pattern	102a	Old MI	x	1109	YES	
01. Q or Qs pattern	102b	Possible old MI	x	1109	YES	
01. Q or Qs pattern	103a	MI, age undetermined	x	1109	YES	
01. Q or Qs pattern	103b	Possible MI, age undetermined	x	1109	YES	
02. Axis and Voltage	200	Indeterminate QRS axis		1108	NO	
02. Axis and Voltage	201	QRS Right axis deviation (in degree) (QRS axis > 120)		1108	NO	
02. Axis and Voltage	202	QRS Left axis deviation (in degree) (-45 < QRS axis < -30)		1108	NO	
02. Axis and Voltage	203	QRS Marked left axis deviation (in degree) (-120 < QRS axis < -45)		1108	NO	
02. Axis and Voltage	204	Low voltage		1108	NO	
02. Axis and Voltage	205a	Poor Precordial R wave progression, consider normal variant		1105	NO	
02. Axis and Voltage	205b	Poor R wave progression		1108	NO	
02. Axis and Voltage	206a	Abnormal P wave axis, consider normal variant		1105	NO	
02. Axis and Voltage	206b	Abnormal P wave axis		1108	NO	
03. Hypertrophy	300a	Left ventricular hypertrophy by QRS voltage consider normal variant		1105	NO	
03. Hypertrophy	300b	Left ventricular hypertrophy by QRS voltage		1108	NO	
03. Hypertrophy	300c	Possible left ventricular hypertrophy by QRS voltage		1108	NO	
03. Hypertrophy	301a	Left ventricular hypertrophy by QRS voltage and ST-T abnormalities		1109	YES	
03. Hypertrophy	301b	Possible Left ventricular hypertrophy by QRS voltage and ST-T abnormalities		1109	YES	
03. Hypertrophy	302a	Right ventricular hypertrophy		1109	YES	
03. Hypertrophy	302b	Possible right ventricular hypertrophy		1109	YES	
03. Hypertrophy	303a	Biventricular hypertrophy		1109	YES	
03. Hypertrophy	303b	Possible biventricular hypertrophy		1109	YES	
03. Hypertrophy	304a	Left atrial enlargement		1108	NO	
03. Hypertrophy	304b	Possible left atrial enlargement		1108	NO	
03. Hypertrophy	305a	Right atrial enlargement		1108	NO	
03. Hypertrophy	305b	Possible right atrial enlargement		1108	NO	
04. ST depression and elevation	400a	ST depression	x	1108	NO	
04. ST depression and elevation	400b	ST depression, non specific	x	1108	NO	
04. ST depression and elevation	400c	ST depression, consider ischemia	x	1109	YES	
04. ST depression and elevation	411a	Primary ST-T abnormalities with normal QRS axis	x	1108	NO	
04. ST depression and elevation	411b	Primary ST-T abnormalities with normal QRS axis, consider ischemia	x	1109	YES	
04. ST depression and elevation	412a	Secondary ST-T abnormalities	x	1108	NO	
04. ST depression and elevation	412b	Possible secondary ST-T abnormalities	x	1108	NO	
04. ST depression and elevation	413a	ST elevation	x	1108	NO	
04. ST depression and elevation	413b	ST elevation, consider normal variant	x	1105	NO	
04. ST depression and elevation	413c	ST elevation, non specific	x	1108	NO	
04. ST depression and elevation	413d	ST elevation, consider ischemia	x	1109	YES	
04. ST depression and elevation	414a	Early repolarization		1108	NO	
04. ST depression and elevation	414b	Early repolarization, consider normal variant		1105	NO	
04. ST depression and elevation	414c	Possible early repolarization		1108	NO	
05. T/U wave abnormalities	500	Normal repolarization pattern		1105	NO	
05. T/U wave abnormalities	501a	T wave abnormality in standard leads		1108	NO	
05. T/U wave abnormalities	501b	T wave abnormality in standard leads, non specific		1108	NO	
05. T/U wave abnormalities	502a	T wave abnormality in precordial leads		1108	NO	
05. T/U wave abnormalities	502b	T wave abnormality in precordial leads, non specific		1108	NO	
05. T/U wave abnormalities	503a	T wave inversion	x	1108	NO	
05. T/U wave abnormalities	503b	T wave inversion, non specific	x	1108	NO	
05. T/U wave abnormalities	503c	T wave inversion, consider ischemia	x	1109	YES	
05. T/U wave abnormalities	504	Flat T wave	x	1108	NO	
05. T/U wave abnormalities	505a	Bifid T wave	x	1108	NO	
05. T/U wave abnormalities	505b	Notched T wave	x	1108	NO	
05. T/U wave abnormalities	506a	U wave, abnormal	x	1109	YES	
05. T/U wave abnormalities	506b	U wave, consider normal variant		1105	NO	
05. T/U wave abnormalities	507	Prolonged QT or QTcF interval above Max QT/QTcF Threshold		1108	NO	
05. T/U wave abnormalities	508	Prolonged QT or QTcF interval above 500 msec		1109	YES	
05. T/U wave abnormalities	509	QTcF increase from baseline, > 30 msec and < 60 msec		1108	NO	
05. T/U wave abnormalities	510a	QTcF increase from baseline, above 60 msec		1109	YES	
05. T/U wave abnormalities	510b	QTcF increase from baseline, above 60 msec and QTcF > 500 msec		1109	YES	
05. T/U wave abnormalities	511a	Short QTcF interval		1109	YES	
05. T/U wave abnormalities	511b	Possible short QTcF interval		1109	YES	
05. T/U wave abnormalities	512a	Brugada pattern		1109	YES	
05. T/U wave abnormalities	512b	Possible Brugada pattern		1109	YES	
06. AV conduction	601a	First degree AV block		1108	NO	
06. AV conduction	601b	First degree AV block, consider normal variant		1105	NO	
06. AV conduction	601c	First degree AV block, intermittent		1108	NO	
06. AV conduction	602a	First degree AV block above 240 msec		1109	YES	
06. AV conduction	602b	First degree AV block above 240 msec, intermittent		1109	YES	
06. AV conduction	603a	PR increase from baseline > 25 percent and PR interval < 240 msec		1108	NO	
06. AV conduction	603b	PR increase from baseline > 25 percent and PR interval >240 msec		1109	YES	
06. AV conduction	604a	Second degree AV block Mobitz 1		1108	NO	
06. AV conduction	604b	Second degree AV block Mobitz 1, intermittent		1108	NO	
06. AV conduction	604c	Possible second degree AV block Mobitz 1		1108	NO	
06. AV conduction	605a	Second degree AV block Mobitz II		1109	YES	

Type	Code	Label	Localisation (qualifier)	Conclusion Mandatory	Sanity Check	Comparison with Baseline
06. AV conduction	605b	Second degree AV block Mobitz II, intermittent		1109	YES	
06. AV conduction	605c	Possible second degree AV block Mobitz II		1109	YES	
06. AV conduction	606a	2:1 AV conduction pattern		1109	YES	
06. AV conduction	606b	2:1 AV conduction pattern, intermittent		1109	YES	
06. AV conduction	606c	Possible 2:1 AV conduction pattern		1109	YES	
06. AV conduction	607a	Third degree AV block		1109	YES	
06. AV conduction	607b	Third degree AV block, intermittent		1109	YES	
06. AV conduction	607c	Possible third degree AV block		1109	YES	
06. AV conduction	608a	AV dissociation		1109	YES	
06. AV conduction	608b	AV dissociation, intermittent		1109	YES	
06. AV conduction	608c	Possible AV dissociation		1109	YES	
06. AV conduction	609a	Short PR interval		1108	NO	
06. AV conduction	609b	Short PR interval, consider normal variant		1105	NO	
06. AV conduction	609c	Short PR interval, intermittent		1108	NO	
06. AV conduction	610a	WPW		1109	YES	
06. AV conduction	610b	WPW, intermittent		1109	YES	
06. AV conduction	610c	Possible WPW		1109	YES	
07. Intraventricular conduction defects	701a	Incomplete RBBB (QRS<=120msec)		1108	NO	
07. Intraventricular conduction defects	701b	Incomplete RBBB, consider normal variant (QRS<=120msec)		1105	NO	
07. Intraventricular conduction defects	701c	Incomplete RBBB, intermittent (QRS<=120msec)		1108	NO	
07. Intraventricular conduction defects	702a	Complete RBBB (QRS>120msec)		1109	YES	
07. Intraventricular conduction defects	702b	Complete RBBB, intermittent (QRS>120msec)		1109	YES	
07. Intraventricular conduction defects	703a	Complete LBBB (QRS>120msec)		1109	YES	
07. Intraventricular conduction defects	703b	Complete LBBB, intermittent (QRS>120msec)		1109	YES	
07. Intraventricular conduction defects	704a	LAFB		1108	NO	
07. Intraventricular conduction defects	704b	LAFB, intermittent		1108	NO	
07. Intraventricular conduction defects	704c	Possible LAFB		1108	NO	
07. Intraventricular conduction defects	705a	LPFB		1109	YES	
07. Intraventricular conduction defects	705b	LPFB, intermittent		1109	YES	
07. Intraventricular conduction defects	705c	Possible LPFB		1109	YES	
07. Intraventricular conduction defects	706a	IVCD > 110 msec and < 120 msec		1108	NO	
07. Intraventricular conduction defects	706b	IVCD > 110 msec and < 120 msec, intermittent		1108	NO	
07. Intraventricular conduction defects	707a	IVCD > 120 msec		1109	YES	
07. Intraventricular conduction defects	707b	IVCD > 120 msec, intermittent		1109	YES	
07. Intraventricular conduction defects	708	rsR' pattern with normal QRS duration		1108	NO	
08. Rhythm	800a	Normal sinus rhythm, rate 50-100 bpm		1105	NO	
08. Rhythm	800b	Possible normal sinus rhythm, rate 50-100 bpm		1105	NO	
08. Rhythm	800c	Dominant sinus rhythm		1105	NO	
08. Rhythm	801a	Uncertain supraventricular rhythm		1108	NO	
08. Rhythm	801b	Uncertain supraventricular rhythm, consider normal variant		1105	NO	
08. Rhythm	802a	Respiratory sinus arrhythmia		1105	NO	
08. Rhythm	802b	Respiratory sinus arhythmia, consider normal variant		1105	NO	
08. Rhythm	803a	Sinus tachycardia, rate 100-130 bpm		1108	NO	
08. Rhythm	803b	Possible sinus tachycardia, rate 100-130 bpm		1108	NO	
08. Rhythm	803c	Sinus tachycardia, rate 100-130 bpm, consider normal variant		1105	NO	
08. Rhythm	804a	Sinus tachycardia, rate > 130 bpm		1109	YES	
08. Rhythm	804b	Possible sinus tachycardia, rate > 130 bpm		1109	YES	
08. Rhythm	806a	20bpm< Increase from baseline and rate <= 130 bpm		1108	NO	
08. Rhythm	806b	20bpm< Increase from baseline and rate > 130 bpm		1109	YES	
08. Rhythm	807a	Sinus bradycardia, rate 40-49 bpm		1108	NO	
08. Rhythm	807b	Possible sinus bradycardia, rate 40-49 bpm		1108	NO	
08. Rhythm	807c	Sinus bradycardia, rate 40-49 bpm, consider normal variant		1105	NO	
08. Rhythm	808a	Sinus bradycardia, rate < 40 bpm		1109	YES	
08. Rhythm	808b	Possible sinus bradycardia, rate < 40 bpm		1109	YES	
08. Rhythm	810a	20bpm< Decrease from baseline and rate >= 40 bpm		1108	NO	
08. Rhythm	810b	20bpm< Decrease from baseline and rate <40 bpm		1109	YES	
08. Rhythm	811a	Sinus pause less than 3 seconds		1108	NO	
08. Rhythm	811b	Possible sinus pause less than 3 seconds		1108	NO	
08. Rhythm	812a	Sinus pause above 3 seconds		1109	YES	
08. Rhythm	812b	Possible sinus pause above 3 seconds		1109	YES	
08. Rhythm	813a	Premature atrial complexes conducted or non conducted		1108	NO	
08. Rhythm	813b	Premature atrial complexes conducted or non conducted, couplets		1108	NO	
08. Rhythm	813c	Premature atrial complexes, conducted or non conducted, bigeminy pattern		1108	NO	
08. Rhythm	813d	Premature atrial complexes, conducted or non conducted, trigeminy pattern		1108	NO	
08. Rhythm	814a	Run of premature atrial complexes		1108	NO	
08. Rhythm	814b	Run of premature atrial complexes with a fast ventricular response		1108	NO	
08. Rhythm	814c	Run of premature atrial complexes, with a slow ventricular response		1108	NO	
08. Rhythm	815a	Atrial fibrillation		1109	YES	
08. Rhythm	815b	Possible atrial fibrillation		1109	YES	
08. Rhythm	815c	Atrial fibrillation with a fast ventricular response		1109	YES	
08. Rhythm	815d	Atrial fibrillation with a slow ventricular response		1109	YES	
08. Rhythm	816a	Atrial flutter		1109	YES	
08. Rhythm	816b	Possible atrial flutter		1109	YES	
08. Rhythm	816c	Atrial flutter with a fast ventricular response		1109	YES	
08. Rhythm	816d	Atrial flutter with a slow ventricular response		1109	YES	
08. Rhythm	817a	Atrial tachycardia		1109	YES	
08. Rhythm	817b	Possible atrial tachycardia		1109	YES	

Type	Code	Label	Localisation (qualifier)	Conclusion Mandatory	Sanity Check	Comparison with Baseline
08. Rhythm	817c	Atrial tachycardia with a fast ventricular response		1109	YES	
08. Rhythm	817d	Atrial tachycardia with a slow ventricular response		1109	YES	
08. Rhythm	818a	Other SVT		1109	YES	
08. Rhythm	818b	Possible other SVT		1109	YES	
08. Rhythm	818c	Other SVT with a fast ventricular response		1109	YES	
08. Rhythm	818d	Other SVT with a slow ventricular response		1109	YES	
08. Rhythm	819a	Junctional premature complexes		1108	NO	
08. Rhythm	819b	Junctional premature complexes, couplets		1108	NO	
08. Rhythm	819c	Junctional premature complexes, bigeminy pattern		1108	NO	
08. Rhythm	819d	Junctional premature complexes, trigeminy patttern		1108	NO	
08. Rhythm	820a	Junctional tachycardia		1109	YES	
08. Rhythm	820b	Possible junctional tachycardia		1109	YES	
08. Rhythm	821a	Junctional rhythm		1108	NO	
08. Rhythm	821b	Possible junctional rhythm		1108	NO	
08. Rhythm	822a	Wandering atrial pacemaker, Sinusal rhythm		1108	NO	
08. Rhythm	822b	Wandering atrial pacemaker, consider normal variant, unsinusal rhythm		1105	NO	
08. Rhythm	823a	Premature ventricular complexes		1108	NO	
08. Rhythm	823b	Premature ventricular complexes, couplets		1108	NO	
08. Rhythm	823c	Premature ventricular complexes, bigeminy pattern		1108	NO	
08. Rhythm	823d	Premature ventricular complexes, trigeminy pattern		1108	NO	
08. Rhythm	823e	Premature ventricular complexes, monomorphic		1108	NO	
08. Rhythm	823f	Premature ventricular complexes, polymorphic		1108	NO	
08. Rhythm	824a	Run of premature ventricular complexes, NOS (not otherwise specified)		1109	YES	
08. Rhythm	824b	Run of premature ventricular complexes, monomorphic		1109	YES	
08. Rhythm	824c	Run of premature ventricular complexes, polymorphic		1109	YES	
08. Rhythm	825a	Accelerated idioventricular rhythm (AIVR), NOS (not otherwise specified)		1108	NO	
08. Rhythm	825b	AIVR, monomorphic		1108	NO	
08. Rhythm	825c	AIVR, polymorphic		1108	NO	
08. Rhythm	825d	Possible AIVR		1108	NO	
08. Rhythm	826a	Ventricular tachycardia, NOS (not otherwise specified)		1109	YES	
08. Rhythm	826b	Possible ventricular tachycardia		1109	YES	
08. Rhythm	826c	Ventricular tachycardia, monomorphic		1109	YES	
08. Rhythm	826d	Ventricular tachycardia, polymorphic		1109	YES	
08. Rhythm	827	Ventricular fibrillation		1109	YES	
08. Rhythm	828	Torsade de pointes		1109	YES	
08. Rhythm	829	Wide QRS tachycardia		1109	YES	
08. Rhythm	830a	Atrial electronic pacemaker		1105	NO	
08. Rhythm	830b	Atrial electronic pacemaker, intermittent		1105	NO	
08. Rhythm	831a	Ventricular electronic pacemaker, unsinusal rhythm		1105	NO	
08. Rhythm	831b	Ventricular electronic pacemaker, intermittent, unsinusal rhythm		1105	NO	
08. Rhythm	832a	Dual chamber electronic pace maker		1105	NO	
08. Rhythm	832b	Dual chamber electronic pace maker, intermittent		1105	NO	
08. Rhythm	833	Pace maker dysfunction		1109	YES	
09. Technical	T1	Technically Poor Tracing			YES	1201
09. Technical	T2	Technically Poor Tracing - 50/60 Cycle Electrical Interference			YES	1201
09. Technical	T3	Technically Poor Tracing - Noise/Muscle Tremor			YES	1201
09. Technical	T4	Suspect Arm Lead Reversal, Interpretation Assumes No Reversal			YES	1201
09. Technical	T5	Suspect Arm Lead Reversal, Interpretation Assumes Reversal			YES	1201
09. Technical	T6	Electrical baseline artifact			YES	1201
09. Technical	T7	Incomplete ECG, <9 Leads Present			YES	1201
Conclusion	1105	Normal ECG			NO	
Conclusion	1108	Abnormal non clinically significant			NO	
Conclusion	1109	Abnormal clinically significant			YES	
Conclusion	1110a	Unable to evaluate			YES	
Conclusion	1110b	Unable to evaluate but measurements provided are correct			YES	
Comparison with baseline	1201	Unable to compare with baseline ECG			NO	
Comparison with baseline	1202	No significant change from baseline ECG			NO	
Comparison with baseline	1206	Significant change from baseline ECG			YES	

Type	Code	Label
Localization / Qualifier	0	localized in intentional absence of localization
Localization / Qualifier	1	localized in septal Leads (V1, V2)
Localization / Qualifier	2	localized in anterior leads (V3, V4)
Localization / Qualifier	3	localized in antero-septal leads (V1 - V4)
Localization / Qualifier	4	localized in lateral leads (I, aVL, V5, V6)
Localization / Qualifier	5	localized in inferior leads (II, III, aVF)
Localization / Qualifier	6	localized in frontal leads (I, II, III, aVR, aVL, aVF)
Localization / Qualifier	7	localized in precordial Leads (V1-V6)
Localization / Qualifier	8	localized in widespread
Localization / Qualifier	9	: other