Name	Description	Type	Values
id	patient identification number	numerical	
ccf	social security number	numerical	0
age	age of the patient in years	numerical	
sex	sex of the patient	boolean	1 = male 0 = female
painloc	chest pain is substernal	boolean	1 = yes 0 = no
painexer	pain provoked by exertion	boolean	1 = yes 0 = no
relrest	pain relieved after rest	boolean	1 = yes 0 = no
pncaden	sum of painloc, painexer and relrest	?	?
cp	chest pain type	qualitative	1 = typical angina 2 = atypical angina 3 = non-anginal pain 4 = asymptomatic
trestbps	resting blood pressure (in mm Hg on admission to the hospital)	numerical	
htn	?	?	?
chol	serum cholestoral in mg/dl	numerical	
smoke	is a smoker?	boolean	1 = yes 0 = no
cigs	cigarettes per day	numerical	
years	number of years as a smoker	numerical	
fbs	fasting blood sugar >120 mg/dl	boolean	1 = yes 0 = no
dm	history of diabetes	boolean	1 = yes 0 = no
famhist	family history of coronary artery disease	boolean	1 = yes 0 = no
restecg	resting electrocardiographic results	qualitative	
ekgmo	month of exercise ECG reading	numerical	1..12
ekgday	day of exercise ECG reading	numerical	1..31
ekgyr	year of exercise ECG reading	numerical	
dig	digitalis used during exercise ECG	boolean	1 = yes 0 = no
prop	Beta blocker used during exercise ECG	boolean	1 = yes 0 = no
nitr	nitrates used during exercise ECG	boolean	1 = yes 0 = no
pro	calcium channel blocker used during exercise ECG	boolean	1 = yes 0 = no
diuretic	diuretic used used during exercise ECG	boolean	1= yes 0 = no

Name	Description	Type	Values
proto	exercise protocol	qualitative	1 = Bruce 2 = Kottus 3 = McHenry 4 = fast Balke 5 = Balke 6 = Noughton 7 = bike 150 kpa min/min 8 = bike 125 kpa min/min 9 = bike 100 kpa min/min 10 = bike 75 kpa min/min 11 = bike 50 kpa min/min 12 = arm ergometer
thaldur	duration of exercise test in minutes	numerical	
thaltime	time when ST measure depression was noted	numerical	
met	mets achieved	numerical	
thalach	maximum heart rate achieved	numerical	
thalrest	resting heart rate	numerical	
tpeakbps	peak exercise blood pressure (first)	numerical	
tpeakbpd	peak exercise blood pressure (second)	numerical	
dummy	?	?	?
trestbpd	resting blood pressure	numerical	
exang	exercise induced angina	boolean	1 = yes 0 = no
xhypo	?	boolean	1 = yes 0 = no
oldpeak	ST depression induced by exercise relative to rest	?	?
slope	the slope of the peak exercise ST segment	qualitative	1 = upsloping 2 = flat 3 = downsloping
rldv5	height at rest	numerical	
rldv5e	height at peak exercise	numerical	
ca	number of mayor vesseks	qualitative	0-3
restckm	irrelevant	?	?
exerckm	irrelevant	?	?
restef	rest raidonuclid ejection fraction	numerical	
restwm	rest wall motion abnormality	qualitative	0 = none 1 = mild or moderate 2 = moderate or severe 3 = akinesis or dyskmem
exeref	exercise radinalid ejection fraction	numerical	
exerwm	exercise wall motion	numerical	
thal	?	qualitative	3 = normal 6 = fixed defect 7 = reversable defect
thalsev	not used	?	?
thalpul	not used	?	?
earlobe	not used	?	?
cmo	month of cardiac cath	numerical	1..12
cday	day of cardiac cath	numerical	1..31

Name	Description	Type	Values
cyr	year of cardiac cath	numerical	
num	diagnosis of heart deasease (angiographic disease status)	qualitative	0 = <50% diameter narrowing 1 = >50% diameter narrowing
lmt	?	?	?
ladprox	?	?	?
laddist	?	?	?
diag	?	?	?
cxmain	?	?	?
ramus	?	?	?
om1	?	?	?
om2	?	?	?
rcaprox	?	?	?
rcadist	?	?	?
lvx1	not used	?	?
lvx2	not used	?	?
lvx3	not used	?	?
lvx4	not used	?	?
lvf	not used	?	?
cathef	not used	?	?
junk	not used	?	?
name	last name of patient	qualitative	name