

(LCA1MGH.CODING.MANUAL.HONOLULU.H20MAST.JUL00)

HONOLULU HEART PROGRAM

DSN=H20MAST

SAS NAME: H20MAST

NUMBER OF RECORDS 12576

PROGRAM:LCA1MGH.SAS.HONOLULU.H20MAST.PROGRAM.JU00

VARIABLE INFORMATION

ANG_R	CORONARY ANGIOGRAPHY, RIGHT H2024D 0 NO STENOTIC LESION 1 TOTAL OCCLUSION 2 GREATER THAN OR EQUAL 90% STENOSIS 3 70-89% STENOSIS 4 50-69% STENOSIS 5 LESS THAN 50% STENOSIS 6 SEVERE STENOSIS (WITHOUT NUMERICAL DATA) 7 MODERATE STENOSIS 8 MILD OR MINIMAL STENOSIS 9 NOT DONE OR UNKNOWN (11366)
AP	ANGINA PECTORIS H2006A 0 NO CHEST PAIN 1 EPISODIC SUBSTERNAL CHEST PAIN OR DISCOMFORT 2 SAME TYPE OF PAIN OCCURING AT REST 3 SAME TYPE OF PAIN BOTH ON EXERTION AND AT REST 4 DISCHARGE DIAGNOSIS OR DOCUMENTED HISTORY OF ANGINA WITH USE OF NITRATES 8 CHEST PAIN SUGGESTIVE OF POSSIBLE ANGINA 9 NO CLINICAL INFORMATION ON CHEST PAIN AVAILABLE (948)
APMO	AP MONTH H2006B SET TO DOT (.) TO PROTECT CONFIDENTIALITY
APYR	AP YEAR H2006B SET TO DOT (.) TO PROTECT CONFIDENTIALITY
ASSOC	ASSOCIATED CONDITION H2017 0 NO ASSOCIATED CONDITION PRESENT 1 SEVERE BLEEDING USUALLY FROM G-I ORGANS 2 MAJOR SURGERY 3 MALIGNANCY 4 PRECIPITATING CONDITIONS 5 MIMIC 6 TRAUMA 7 SURGERY - BRAIN 8 COMBINATION 9 UNKNOWN (48)

VARIABLE INFORMATION

BR_SC BRAIN SCAN/CEREBRAL BLOOD, FLOW H2020
0 NOT DONE
1 SDX: SCAN CONFIRMS CVA DIAGNOSIS
2 FDX: BLOOD FLOW CONFIRMS CVA DIAGNOSIS
3 SFDX: BOTH CONFIRM CVA DIAGNOSIS
4 S/O: SCAN SHOW OTHER ABNORMALITY
5 F/O: FLOW SHOWS OTHER ABNORMALITY
6 S&F/O: BOTH SHOW OTHER ABNORMALITY
7 ASSOC: ASSOCIATED CONDITION PRESENT
8 WNL: NORMAL TESTS
9 UNKNOWN (3741)

BYPASS AORTO-CORONARY BYPASS GRAFTS H2027
0 NOT DONE
1 ONE GRAFT
2 TWO GRAFTS
3 THREE GRAFTS
4 FOUR GRAFTS
5 FIVE GRAFTS
6 SIX OR MORE GRAFTS
9 UNKNOWN (4)

CARD_SC CARDIAC SCAN H2022
0 NEGATIVE
1 POSITIVE
2 DOUBTFUL
9 NOT DONE OR UNKNOWN (12233)

CHGMO MONTH OF LAST CHANGE
SET TO DOT (.) TO PROTECT CONFIDENTIALITY

CHGYR YEAR OF LAST CHANGE
SET TO DOT (.) TO PROTECT CONFIDENTIALITY

CI ACUTE CORONARY INSUFFICIENCY (CI) H2005A
0 NO CI
1 DEFINITE CI
2 POSSIBLE CI
8 DOUBTFUL CI
9 NO INFORMATION AVAILABLE (15)

CIMO CI MONTH H2005B
SET TO DOT (.) TO PROTECT CONFIDENTIALITY

<u>VARIABLE</u>	<u>INFORMATION</u>
CIYR	CI YEAR H2005B SET TO DOT (.) TO PROTECT CONFIDENTIALITY
CVA	CVA H2007 0 NOT APPLICABLE 1 DEFINITE CVA 2 PROBABLE CVA 3 POSSIBLE CVA 4 DOUBTFUL CVA 5 DEFINITE CVA/NON-STUDY CRITERIA 6 PROBABLE CVA/NON-STUDY CRITERIA 7 POSSIBLE CVA/NON-STUDY CRITERIA 8 DOUBTFUL CVA/NON-STUDY CRITERIA 9 UNKNOWN (10)
CVAMO	CVA MONTH H2015 SET TO DOT (.) TO PROTECT CONFIDENTIALITY
CVAYR	CVA YEAR H2015 SET TO DOT (.) TO PROTECT CONFIDENTIALITY
CV_ANGIO	CV ANGIOGRAPHY: INVASIVE/NONINVASIVE H2019 INCLUDES ANGIOGRAPHY, MRA AND DUPLEX STUDIES 0 NORMAL 1 TOTAL OCCLUSION (96-100%) 2 PARTIAL OCCLUSION (STENOSIS UP TO 95%) 3 ANEURYSM 4 A-V MALFORMATION 5 INFARCTION 6 INTRACEREBRAL HEMATOMA 7 NONSPECIFIC ABNORMALITY (ALL SUBDURALS, DUPLEX WITH IRREGULARITY) 8 COMBINATION 9 NOT DONE OR RESULTS UNKNOWN (11802)

VARIABLE INFORMATION

E EMBOLIC CVA H2009B
 0 NOT APPLICABLE
 1 DEFINITE EMBOLISM
 2 PROBABLE EMBOLISM
 3 POSSIBLE EMBOLISM
 4 DOUBTFUL EMBOLISM
 5 DEFINITE EMBOLISM/NON-STUDY CRITERIA
 6 PROBABLE EMBOLISM/NON-STUDY CRITERIA
 7 POSSIBLE EMBOLISM/NON-STUDY CRITERIA
 8 DOUBTFUL EMBOLISM/NON-STUDY CRITERIA
 9 UNKNOWN (310)

ECHOCARD ECHOCARDIOGRAPHY H2030
 0 NORMAL
 1 WALL MOTION ABNORMALITY
 2 DOUBTFUL FOR ISCHEMIC MYOCARDIAL DISEASE
 8 OTHER ABNORMALITIES
 9 NOT DONE OR UNKNOWN (11603)

FLAG
 0 OK
 1 ERROR
 2 CHANGED
 NO UNKNOWNNS

HEM INTRACRANIAL HEMORRHAGE H2008
 0 NOT APPLICABLE
 1 DEFINITE INTRACRANIAL HEMORRHAGE
 2 PROBABLE INTRACRANIAL HEMORRHAGE
 3 POSSIBLE INTRACRANIAL HEMORRHAGE
 4 DOUBTFUL INTRACRANIAL HEMORRHAGE
 5 DEFINITE INTRACRANIAL HEMORRHAGE/NON-STUDY CRITERIA
 6 PROBABLE INTRACRANIAL HEMORRHAGE/NON-STUDY CRITERIA
 7 POSSIBLE INTRACRANIAL HEMORRHAGE/NON-STUDY CRITERIA
 8 DOUBTFUL INTRACRANIAL HEMORRHAGE/NON-STUDY CRITERIA
 9 UNKNOWN INTRACRANIAL HEMORRHAGE (475)

HOSP HOSPITAL H2002
 0-99
 NO UNKNOWNNS

HOSPDY HOSPITALIZATION DAY
 SET TO DOT (.) TO PROTECT CONFIDENTIALITY

VARIABLE INFORMATION

HOSPMO HOSPITALIZATION MONTH
 SET TO DOT (.) TO PROTECT CONFIDENTIALITY

HOSPYR HOSPITALIZATION YEAR
 SET TO DOT (.) TO PROTECT CONFIDENTIALITY

IC INTRACEREBRAL HEMORRHAGE H2008A
 0 NOT APPLICABLE
 1 DEFINITE INTRACEREBRAL HEMORRHAGE
 2 PROBABLE INTRACEREBRAL HEMORRHAGE
 3 POSSIBLE INTRACEREBRAL HEMORRHAGE
 4 DOUBTFUL INTRACEREBRAL HEMORRHAGE
 5 DEFINITE INTRACEREBRAL HEMORRHAGE/NON-STUDY CRITERIA
 6 PROBABLE INTRACEREBRAL HEMORRHAGE/NON-STUDY CRITERIA
 7 POSSIBLE INTRACEREBRAL HEMORRHAGE/NON-STUDY CRITERIA
 8 DOUBTFUL INTRACEREBRAL HEMORRHAGE/NON-STUDY CRITERIA
 9 UNKNOWN INTRACEREBRAL HEMORRHAGE (478)

LP LUMBAR PUNCTURE H2011
 0 NOT APPLICABLE
 1 NORMAL LP
 2 ABNORMAL ATRAUMATIC LP
 (WITH INCREASED OPENING PRESSURE OF OVER 200MM)
 3 ABNORMAL ATRAUMATIC LP (WITH NORMAL OPENING PRESSURE)
 4 QUESTIONABLE TRAUMATIC LP
 (WITH INCREASED OPENING PRESSURE OVER 200 MM)
 5 QUESTIONABLE TRAUMATIC LP
 (WITH NORMAL OPENING PRESSURE)
 6 TRAUMATIC LP
 (WITH INCREASED OPENING PRESSURE OVER 200 MM)
 7 TRAUMATIC LP (WITH NORMAL OPENING PRESSURE)
 8 BLANK
 9 UNKNOWN (40)

VARIABLE INFORMATION

LP_OTH	LUMBAR PUNCTURE - OTHER ABNORMALITIES H2013 0 NOT APPLICABLE 1 P+W+E(1) (PROTEIN, WBC AND ENZYMES ALL ABNORMAL) 2 P+W(1) (PROTEIN, WBC ALL ABNORMAL) 3 P+E(1) (PROTEIN AND ENZYMES ALL ABNORMAL) 4 W+E(1) (WBC AND ENZYMES ALL ABNORMAL) 5 P (PROTEIN ABNORMAL - OVER 45) 6 W (WBC ABNORMAL) 7 E(1) (ENZYMES ABNORMAL) 8 NORMAL 9 UNKNOWN (44)
LVENT	LEFT VENTRICULOGRAPHY H2025 0 NORMAL 1 ANEURYSM 2 SEGMENTAL AKINESIS 3 SEGMENTAL HYPOKINESIS 4 RESTING AND DIASTOLIC PRESSURE > 15 MMHG 5 EJECTION FRACTION < 0.50 6 1, 2, OR 3 PLUS 4 OR 5 8 OTHER ABNORMAL OR DOUBTFUL FINDINGS 9 NOT DONE OR UNKNOWN (11488)
MIECG	MI BY ECG H2004A 0 NO EVIDENCE OF MI 1 DEFINITE ACUTE MI 3 DEFINITE OLD (OR AGE UNDETERMINED) MI 4 DOUBTFUL ACUTE MI 5 ECG TEMPORAL CHANGES 6 INDETERMINABLE 8 PRESENCE OF DOUBTFUL OR POSSIBLE OLD MI 9 ECG NOT DONE (2843)
MIENZ	MI BY ENZYMES H2004B' 0 ALL ENZYMES WITHIN THE UPPER LIMIT OF NORMAL 1 THE PEAK LEVEL OF ANY ANZYME (ESPECIALLY CPK) IS >= 2X NORMAL 2 THE PEAK LEVEL OF ENZYMES (ESPECIALLY CPK) EXCEEDS THE UPPER NORMAL LIMIT, BUT NOT MORE THAN 2X NORMAL 8 THE ELEVATION OF ENZYMES EXCEEDING THE UPPER NORMAL LIMIT 9 ENZYMES WERE NOT MEASURED OR UNKNOWN (4602)

VARIABLE INFORMATION

MILOC MI LOCATION H2004C
0 NO ABNORMAL Q-WAVE IN ANY LEAD
2 THE PRESENCE OF ABNORMAL Q/QS IN EXTENSIVE ANTERIOR OR
 ANTEROLATERAL LEADS
3 ABNORMAL Q/QS IN ANTERO-SEPTAL LEADS
4 ABNORMAL Q/QS IN INFERIOR LEADS
5 COMBINATION OF 2 OR 3 PLUS 4
7 THE PRESENCE OF R/S>1.0 WITH ST-T CHANGES
9 LOCATION UNKNOWN (2484)

MIMO MI MONTH H2004D
SET TO DOT (.) TO PROTECT CONFIDENTIALITY

MIYR MI YEAR H2004D
SET TO DOT (.) TO PROTECT CONFIDENTIALITY

NR_IMAGE NEUROIMAGERY H2021
0 NOT DONE
1 SC: CONFIRMS STUDY CRITERIA STROKE
2 SNC: DOES NOT CONFIRM STUDY CRITERIA STROKE.
 THIS INCLUDES ALL SUBDURALS, MID AND NORMAL SCANS
3 SC/ASSOC: CONFIRMS CVA BUT STROKE DUE TO AN ASSOCIATED
 CONDITION
4 SC/PRIOR: CONFIRMS PRIOR STUDY CRITERIA STROKE WHICH WAS
 PREVIOUSLY DOCUMENTED
5 PROB/PRIOR: CONFIRMS PROBABLE PRIOR STUDY CRITERIA
 STROKE WHICH WAS NOT PREVIOUSLY DOCUMENTED
6 POSS/PRIOR: CONFIRMS POSSIBLE PRIOR STUDY CRITERIA STROKE
 WHICH WAS NOT PREVIOUSLY DOCUMENTED
7 SC/PNS: CONFIRMS PRIOR NON-STUDY CRITERIA STROKE
8 PC: POSSIBLY CONFIRMS NEW STUDY STROKE
9 UNKNOWN (3743)

VARIABLE INFORMATION

RECID	RECORD ID SET TO DOT (.) TO PROTECT CONFIDENTIALITY
RIND_TCI	RIND OR TCI H2010 (REVERSIBLE ISCHEMIC NEUROLOGIC DEFICIT/TRANSIENT ISCHEMIC ATTACK) 0 NOT APPLICABLE (NOT RIND OR TIA EVENT, NON-CEREBROVASCULAR EVENT) 1 DEFINITE RIND 2 PROBABLE RIND 3 POSSIBLE RIND 4 DOUBTFUL RIND 5 PROBABLE TIA 6 POSSIBLE TIA 7 DOUBTFUL TIA 8 UNDETERMINED 9 UNKNOWN (28)
SA	SUBARACHNOID HEMORRHAGE H2008B 0 NOT APPLICABLE 1 DEFINITE SUBARACHNOID HEMORRHAGE 2 PROBABLE SUBARACHNOID HEMORRHAGE 3 POSSIBLE SUBARACHNOID HEMORRHAGE 4 DOUBTFUL SUBARACHNOID HEMORRHAGE 5 DEFINITE SUBARACHNOID HEMORRHAGE/NON-STUDY CRITERIA 6 PROBABLE SUBARACHNOID HEMORRHAGE/NON-STUDY CRITERIA 7 POSSIBLE SUBARACHNOID HEMORRHAGE/NON-STUDY CRITERIA 8 DOUBTFUL SUBARACHNOID HEMORRHAGE/NON-STUDY CRITERIA 9 UNKNOWN (476)
SDNDUR	SUDDEN DEATH DURATION - IN HOURS H2018A 0 NEGATIVE 1 LESS THAN 1 2 2-3 3 LESS THAN 3 4 3-6 5 LESS THEN 6 6 6-24 7 LESS THEN 24 8 GREATER THAN 24 9 UNKNOWN (10)

VARIABLE INFORMATION

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SD_UW	SUDDEN DEATH UNWITNESSED DEATH - IN HOURS H2018B 0 NEGATIVE 1 LESS THAN 1 2 2-3 3 LESS THAN 3 4 3-6 5 LESS THEN 6 6 6-24 7 LESS THEN 24 8 GREATER THAN 24 9 UNKNOWN (10)
STATUS	STATUS AT DISCHARGE H2016 0 ALIVE 1 EXPIRED OR DEAD ON DISCHARGE 2 ALIVE WITH DIAGNOSIS OF CHD DUE TO ASSOCIATED CONDITION 3 ALIVE WITH DIAGNOSIS OF CVA DUE TO ASSOCIATED CONDITION 4 ALIVE WITH DIAGNOSIS OF CHD + CVA DUE TO ASSOCIATED CONDITION 5 EXPIRED WITH DIAGNOSIS OF CHD DUE TO ASSOCIATED CONDITION 6 EXPIRED WITH DIAGNOSIS OF CVA DUE TO ASSOCIATED CONDITION 7 EXPIRED WITH DIAGNOSIS OF CHD + CVA DUE TO ASSOCIATED CONDITION 8 ALIVE WITH DIAGNOSIS OF CHD AND/OR CVA AND EXISTENCE OF ASSOCIATED CONDITION IS SUSPECTED BUT UNCONFIRMED 9 EXPIRED WITH DIAGNOSIS OF CHD AND/OR CVA AND EXISTENCE OF ASSOCIATED CONDITION IS SUSPECTED BUT UNCONFIRMED
SURGMO	SURGERY MONTH H2029 SET TO DOT (.) TO PROTECT CONFIDENTIALITY
SURGYR	SURGERY YEAR H2029 SET TO DOT (.) TO PROTECT CONFIDENTIALITY

VARIABLE INFORMATION

T	THROMBOTIC CVA H2009A 0 NOT APPLICABLE 1 DEFINITE THROMBOSIS 2 PROBABLE THROMBOSIS 3 POSSIBLE THROMBOSIS 4 DOUBTFUL THROMBOSIS 5 DEFINITE THROMBOSIS/NON-STUDY CRITERIA 6 PROBABLE THROMBOSIS/NON-STUDY CRITERIA 7 POSSIBLE THROMBOSIS/NON-STUDY CRITERIA 8 DOUBTFUL THROMBOSIS/NON-STUDY CRITERIA 9 UNKNOWN (171)	
TE	THROMBO-EMBOLIC CVA H2009 0 NOT APPLICABLE 1 DEFINITE THROMBO-EMBOLIC CVA 2 PROBABLE THROMBO-EMBOLIC CVA 3 POSSIBLE THROMBO-EMBOLIC CVA 4 DOUBTFUL THROMBO-EMBOLIC CVA 5 DEFINITE THROMBO-EMBOLIC CVA/NON-STUDY CRITERIA 6 PROBABLE THROMBO-EMBOLIC CVA/NON-STUDY CRITERIA 7 POSSIBLE THROMBO-EMBOLIC CVA/NON-STUDY CRITERIA 8 DOUBTFUL THROMBO-EMBOLIC CVA/NON-STUDY CRITERIA 9 UNKNOWN (159)	
TRD_MILL	TREADMILL TEST H2023 0 NEGATIVE 1 POSITIVE (ST ! >= 1 MM, OR CHEST PAIN DEVELOPED) 2 DOUBTFUL 9 NOT DONE OR UNKNOWN (11858)	
IDAYSAP	INTERVAL IN DAYS BETWEEN EXAM1 AND AP DATE - 4572 - 10332 . UNKNOWN (11640) *DURING IDAYSAP COMPUTATION, DAY WAS SET TO 1	*
IDAYSCHG	INTERVAL IN DAYS BETWEEN EXAM1 AND CHG DATE 7738-11293 . UNKNOWN (12091) *DURING IDAYSCHG COMPUTATION, DAY WAS SET TO 1	*

VARIABLE INFORMATION

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IDAYSCI	INTERVAL IN DAYS BETWEEN EXAM1 AND CI DATE - 7052 - 10375 . UNKNOWN (11689) *DURING IDAYSCI COMPUTATION, DAY WAS SET TO 1	*
IDAYSCVA	INTERVAL IN DAYS BETWEEN EXAM1 AND CVA DATE - 6950 - 10558 . UNKNOWN (10154) *DURING IDAYSCVA COMPUTATION, DAY WAS SET TO 1	*
IDAYSHOS	INTERVAL IN DAYS BETWEEN EXAM1 AND HOSPITAL DATE - 7050 - 10585 . UNKNOWN (96)	
IDAYSMI	INTERVAL IN DAYS BETWEEN EXAM1 AND MI DATE - 6496 - 10621 . UNKNOWN (10201) *DURING IDAYSMI COMPUTATION, DAY WAS SET TO 1	*
IDAYSURG	INTERVAL IN DAYS BETWEEN EXAM1 AND SURGERY DATE 1094 - 10505 . UNKNOWN (11780) *DURING IDAYSURG COMPUTATION, DAY WAS SET TO 1	*