

Data Set Name: file10.sas7bdat

| Obs | Num | Variable | Type | Len | Pos | Label |
|-----|-----|----------|------|-----|-----|--|
| 1 | 10 | CHRNDUR1 | Char | 10 | 56 | CHRONIC DRUG THERAPY 1 |
| 2 | 11 | CHRNDUR2 | Char | 10 | 66 | CHRONIC DRUG THERAPY 2 |
| 3 | 12 | CHRNDUR3 | Char | 10 | 76 | CHRONIC DRUG THERAPY 3 |
| 4 | 13 | CHRNDUR4 | Char | 10 | 86 | CHRONIC DRUG THERAPY 4 |
| 5 | 14 | CHRNDUR5 | Char | 10 | 96 | CHRONIC DRUG THERAPY 5 |
| 6 | 15 | CHRNDUR6 | Char | 10 | 106 | CHRONIC DRUG THERAPY 6 |
| 7 | 16 | CHRNDUR7 | Char | 10 | 116 | CHRONIC DRUG THERAPY 7 |
| 8 | 17 | CHRNDUR8 | Char | 10 | 126 | CHRONIC DRUG THERAPY 8 |
| 9 | 18 | CHRNDUR9 | Char | 10 | 136 | CHRONIC DRUG THERAPY 9 |
| 10 | 19 | DR1 | Char | 4 | 146 | FOUR-DIGIT DRUG CODE-DRUGTEST #1 |
| 11 | 20 | DR2 | Char | 4 | 150 | FOUR-DIGIT DRUG CODE-DRUGTEST #2 |
| 12 | 21 | DR3 | Char | 4 | 154 | FOUR-DIGIT DRUG CODE-DRUGTEST #3 |
| 13 | 22 | DR4 | Char | 4 | 158 | FOUR-DIGIT DRUG CODE-DRUGTEST #4 |
| 14 | 23 | DR5 | Char | 4 | 162 | FOUR-DIGIT DRUG CODE-DRUGTEST #5 |
| 15 | 6 | HEMO | Num | 8 | 32 | G% HEMOGLOBIN |
| 16 | 2 | LOADDATE | Num | 8 | 8 | DATE FORM LOADED IN DATABASE |
| 17 | 3 | MDYEVENT | Num | 8 | 16 | FORM EVENT DATE |
| 18 | 1 | NEWID | Num | 8 | 0 | |
| 19 | 7 | O2OTHR8 | Char | 8 | 42 | METHOD OF O2 CONTENT DETERMINATION |
| 20 | 8 | OUTPUT1T | Char | 3 | 50 | 1 METHOD OF CARDIAC OUTPUT DETERMIN. |
| 21 | 9 | OUTPUT2T | Char | 3 | 53 | 2ND METHOD OF CARDIAC OUTPUT DETERMIN. |
| 22 | 5 | PRERECDY | Num | 8 | 24 | DATE DATA RECORDED AT OUTSIDE INST |
| 23 | 4 | PREVYES | Char | 2 | 40 | DATA FROM AN OUTSIDE INSTITUTION |

Data Set Name: file11.sas7bdat

| Obs | Num | Variable | Type | Len | Pos | Label |
|-----|-----|----------|------|-----|-----|---------------------------------------|
| 1 | 12 | ASSUNC | Char | 3 | 80 | ASSSESSMENT OF DISCHARGE DRUG THERAPY |
| 2 | 17 | DISCHY | Char | 6 | 97 | 4 DATE OF HOSPITAL DISCHARGE |
| 3 | 4 | DISUNIT1 | Char | 7 | 24 | DISCHARGE THERAPY: DRUG 1 |
| 4 | 5 | DISUNIT2 | Char | 7 | 31 | 4 DISCHARGE THERAPY: DRUG 2 |
| 5 | 6 | DISUNIT3 | Char | 7 | 38 | DISCHARGE THERAPY: DRUG 3 |
| 6 | 7 | DISUNIT4 | Char | 7 | 45 | DISCHARGE THERAPY: DRUG 4 |
| 7 | 8 | DISUNIT5 | Char | 7 | 52 | DISCHARGE THERAPY: DRUG 5 |
| 8 | 9 | DISUNIT6 | Char | 7 | 59 | DISCHARGE THERAPY: DRUG 6 |
| 9 | 10 | DISUNIT7 | Char | 7 | 66 | DISCHARGE THERAPY: DRUG 7 |
| 10 | 11 | DISUNIT8 | Char | 7 | 73 | DISCHARGE THERAPY: DRUG 8 |
| 11 | 2 | LOADDATE | Num | 8 | 8 | DATE FORM LOADED IN DATABASE |
| 12 | 3 | MDYEVENT | Num | 8 | 16 | FORM EVENT DATE |
| 13 | 1 | NEWID | Num | 8 | 0 | |
| 14 | 15 | NOIMPROV | Char | 3 | 90 | SYST. IMPROVEMENTS: IMPROVEMENT IN |
| 15 | 14 | NOREDUCT | Char | 1 | 89 | SYSTEMATIC IMPROVEMENTS: NO REDUCTION |
| 16 | 16 | OTHER4 | Char | 4 | 93 | SYSTEMATIC IMPROVEMENTS: OTHER |
| 17 | 13 | REDSYNDZ | Char | 6 | 83 | SYMPTOMATIC IMPROVEMENTS: REDUCTION |

Data Set Name: file12.sas7bdat

| Obs | Num | Variable | Type | Len | Pos | Label |
|-----|-----|-----------|------|-----|-----|-----------------------------|
| 1 | 7 | AGE | Num | 8 | 48 | AGE IN YEARS |
| 2 | 2 | CMHEIGHT | Num | 8 | 8 | HEIGHT IN CM |
| 3 | 6 | DATECOMY | Num | 8 | 40 | DATE FORM COMPLETED |
| 4 | 5 | DATESEEEY | Num | 8 | 32 | DATE OF CONTACT |
| 5 | 17 | FOLLFLAG | Char | 12 | 122 | |
| 6 | 12 | HEIGHT | Num | 8 | 80 | HEIGHT (RAW) |
| 7 | 13 | HGHTUNIT | Num | 8 | 88 | HEIGHT UNIT CODE |
| 8 | 3 | KGWEIGHT | Num | 8 | 16 | WEIGHT IN KG |
| 9 | 10 | MARITAL | Num | 8 | 64 | MARITAL STATUS CODE |
| 10 | 4 | MDYEVENT | Num | 8 | 24 | FORM EVENT DATE |
| 11 | 1 | NEWID | Num | 8 | 0 | |
| 12 | 11 | OCCUP | Num | 8 | 72 | OCCUPATION CODE |
| 13 | 9 | RACESPEC | Char | 2 | 120 | RACE CODE |
| 14 | 16 | REVIEWED | Num | 8 | 112 | COMPLETED AND REVIEWED CODE |
| 15 | 8 | SEX | Num | 8 | 56 | SEX |
| 16 | 14 | WEIGHT | Num | 8 | 96 | WEIGHT (RAW) |
| 17 | 15 | WGHTUNIT | Num | 8 | 104 | WEIGHT UNIT CODE |

Data Set Name: file13.sas7bdat

| Obs | Num | Variable | Type | Len | Pos | Label |
|-----|-----|----------|------|-----|-----|------------------------------------|
| 1 | 10 | CAROTIDS | Char | 4 | 116 | CAROTID PULSE ON CARDIAC EXAM |
| 2 | 27 | CLUBMED | Char | 2 | 174 | CLUBBING (EXTREMITIES) |
| 3 | 26 | CYNSYS | Char | 2 | 172 | CYANOSIS (EXTREMITIES) |
| 4 | 33 | DIABLDPR | Num | 8 | 88 | MMHG DIASTOLIC BP |
| 5 | 6 | EXAMNO | Char | 2 | 96 | CHEST EXAM |
| 6 | 29 | FOMITREG | Num | 8 | 56 | FOLLOWUP MITRAL REGURGITATION |
| 7 | 30 | FOPULINS | Num | 8 | 64 | FOLLOWUP PULMONARY INSUFFICIENCY |
| 8 | 31 | FOR2LSHU | Num | 8 | 72 | FOLLOWUP RIGHT TO LEFT SHUNTING |
| 9 | 28 | FOTRIREG | Char | 2 | 176 | FOLLOWUP TRICUSPID REGURGITATION |
| 10 | 4 | HRTRATE | Num | 8 | 24 | BEATS PER MINUTE HEART RATE |
| 11 | 9 | JUGULAR | Num | 8 | 40 | CM H2O JUGULAR VENOUS PRESS |
| 12 | 8 | LBASABS | Char | 9 | 107 | ABNORMAL BREATH SOUNDS LEFT |
| 13 | 3 | LOADDATE | Num | 8 | 16 | DATE FORM LOADED IN DATABASE |
| 14 | 24 | LPULSEYS | Char | 2 | 166 | PULSATIONS (LIVER) |
| 15 | 12 | LVIDYNA | Char | 5 | 124 | LEFT VENTRIC IMPULSE CHARACTER |
| 16 | 11 | LVILOC7 | Char | 4 | 120 | 1 LEFT VENTRIC IMPULSE LOCATION |
| 17 | 23 | LVRSPAN | Num | 8 | 48 | CM (LIVER SPAN) |
| 18 | 2 | MDYEVENT | Num | 8 | 8 | FORM EVENT DATE |
| 19 | 1 | NEWID | Num | 8 | 0 | |
| 20 | 14 | PCLOSEYS | Char | 2 | 134 | PULMONIC CLOSURE (YES OR NO) |
| 21 | 7 | RBASABS | Char | 9 | 98 | ABNORMAL BREATH SOUNDS RIGHT |
| 22 | 5 | RESP | Num | 8 | 32 | RESPIRATION RATE PER MINUTE |
| 23 | 13 | RVDYNA | Char | 5 | 129 | RIGHT VENTRIC IMPULSE CHARACTER |
| 24 | 15 | S1DECR | Char | 3 | 136 | S1 HEART SOUNDS |
| 25 | 16 | S2PARSPL | Char | 7 | 139 | S2 HEART SOUNDS |
| 26 | 17 | S3LEFT | Char | 4 | 146 | S3 HEART SOUNDS |
| 27 | 18 | S4LEFT | Char | 4 | 150 | S4 HEART SOUNDS |
| 28 | 25 | SEVERITY | Char | 4 | 168 | PERIPHERAL EDEMA (EXTREMITIES) |
| 29 | 19 | SOUNDSP | Char | 3 | 154 | EXTRA SOUNDS (CLICKS RUBS) |
| 30 | 22 | SYDILSTE | Char | 3 | 163 | DIASTOLIC (APEX BASE LEFT STERNAL) |
| 31 | 20 | SYEJLSTE | Char | 3 | 157 | SYS EJECT (APEX BASE LEFT |
| 32 | 21 | SYRELSTE | Char | 3 | 160 | SYS REGURG (APEX BASE LEFT |
| 33 | 32 | SYSBLDPR | Num | 8 | 80 | MMHG SYSTOLIC BP |

Data Set Name: file14.sas7bdat

| Obs | Num | Variable | Type | Len | Pos | Label |
|-----|-----|----------|------|-----|-----|---------------------------------------|
| 1 | 123 | ABGDATE | Num | 8 | 688 | DATE OF ARTERIAL BLOOD GASES |
| 2 | 121 | ABGGAS | Num | 8 | 672 | ARTERIAL BLOOD GASES PERFORMED |
| 3 | 122 | ABGPH | Num | 8 | 680 | ARTERIAL BLOOD GASES: VALUES |
| 4 | 76 | ALBUMIN | Num | 8 | 432 | G PER 100 ML SERUM |
| 5 | 63 | ALKPHSML | Num | 8 | 336 | ALK PHOS UPPER LIMIT NORMAL |
| 6 | 62 | ALKPHSMU | Num | 8 | 328 | ALKALINE PHOSPHATASE |
| 7 | 69 | ALPH1 | Num | 8 | 376 | G PER 100ML ALPHA11 |
| 8 | 70 | ALPH2 | Num | 8 | 384 | G PER 100ML ALPHA2 |
| 9 | 77 | ANA | Char | 2 | 813 | ANTINUCLEAR ANTIBODY TITER |
| 10 | 78 | ANASIZE | Num | 8 | 440 | ANTINUCLEAR ANTIBODY TITER SIZE |
| 11 | 128 | ANGIDATE | Num | 8 | 728 | 1 PULMONARY ANGIOGRAM DATE |
| 12 | 127 | ANGIGRAM | Num | 8 | 720 | PULMONARY ANGIOGRAM PERFORMED |
| 13 | 105 | AO | Num | 8 | 568 | MM, AO |
| 14 | 9 | APICAL | Char | 2 | 764 | APICAL REDISTRIBUTION |
| 15 | 38 | BASO | Num | 8 | 160 | % BASOPHILS |
| 16 | 71 | BETA | Num | 8 | 392 | 0 G PER 100ML BETA |
| 17 | 111 | BHUMP | Char | 4 | 852 | ECHOCARIOGRAM PRESENCE OF |
| 18 | 61 | BILIRUB | Num | 8 | 320 | 0 MG% TOTAL BILIRUBIN |
| 19 | 88 | BIOPYS | Char | 2 | 839 | OPEN LUNG BIOPSY(RECODE) |
| 20 | 27 | BNDLDK | Char | 3 | 793 | 0 RIGHT BUNDLE BRANCH BLOCK |
| 21 | 59 | BUN | Num | 8 | 304 | - MG% BLOOD UREA NITROGEN |
| 22 | 4 | CARDDAT1 | Num | 8 | 24 | % CARDIOTHORACIC RATIO |
| 23 | 91 | CNTLBPM | Num | 8 | 464 | BPM CONTROL HEART RATE |
| 24 | 60 | CREAT | Num | 8 | 312 | MG% CREATININE |
| 25 | 92 | CTLMMHG1 | Num | 8 | 472 | 0 MMHG CONTROL BLOOD PRESSURE |
| 26 | 93 | CTLMMHG2 | Num | 8 | 480 | MMHG CONTROL BLOOD PRESSURE DIASTOLIC |
| 27 | 117 | CXRDATE | Num | 8 | 640 | DATE OF CHEST XRAY |
| 28 | 116 | CXRYN | Num | 8 | 632 | CHEST XRAY |
| 29 | 85 | DIFFUSE | Char | 5 | 829 | PERFUSION SCAN |
| 30 | 53 | DLCO | Num | 8 | 264 | ML PER MIN PER HG |
| 31 | 54 | DLCOREBR | Char | 5 | 806 | DLCO TECHNIQUE |
| 32 | 55 | DLCOVA | Num | 8 | 272 | DLCO VA |
| 33 | 131 | DUMMY | Char | 1 | 862 | |
| 34 | 115 | ECHOSPEC | Num | 8 | 624 | 2-D STUDY: OTHER FINDINGS |

| Obs | Num | Variable | Type | Len | Pos | Label |
|-----|-----|----------|------|-----|-----|--------------------------------------|
| 35 | 112 | ECHOTHR | Num | 8 | 616 | ECHOCARDIOGRAM OTHER FINDINGS |
| 36 | 30 | EKGOTHR | Num | 8 | 96 | OTHER EKG ABNORMALITIES |
| 37 | 86 | EMBOLIND | Char | 3 | 834 | PROBABILITY OF PULMONARY EMBOLISM |
| 38 | 37 | EOSIN | Num | 8 | 152 | % EOSINOPHILS |
| 39 | 43 | ESR | Num | 8 | 192 | MM PER HR ESR |
| 40 | 97 | EXMIN | Num | 8 | 512 | MINUTES DURATION OF EXERCISE |
| 41 | 98 | EXSEC | Num | 8 | 520 | SECONDS DURATION OF EXERCISE |
| 42 | 90 | EXSPEC | Char | 3 | 841 | |
| 43 | 99 | EXSTOP8 | Char | 8 | 844 | REASON FOR STOPPING |
| 44 | 52 | FEF2525 | Num | 8 | 256 | LITERS FEF 25-75 |
| 45 | 51 | FEV3 | Num | 8 | 248 | LITERS FORCED EXP. VOL. 3 |
| 46 | 72 | FIBRW | Num | 8 | 400 | G PER 100ML FIBRINOGEN |
| 47 | 16 | FINDINGS | Num | 8 | 32 | ADDITIONAL PERTINENT FINDINGS |
| 48 | 56 | FLPAO2 | Num | 8 | 280 | MM HG ART. BLOOD GASES |
| 49 | 46 | FRC | Num | 8 | 216 | LITERS FORCED RESIDUAL CAP. DILUTION |
| 50 | 47 | FRCBODYB | Char | 2 | 804 | LITERS FORCED RESID. CAP. BODY |
| 51 | 73 | GAMMA1 | Num | 8 | 408 | G PER 100 ML GAMMA1 |
| 52 | 74 | GAMMA2 | Num | 8 | 416 | G PER 100 ML GAMMA2 |
| 53 | 75 | GLOB | Num | 8 | 424 | G PER 100 ML GLOBULIN |
| 54 | 32 | HEMOCRIT | Num | 8 | 112 | % HEMATOCRIT |
| 55 | 31 | HEMOGLOB | Num | 8 | 104 | GM% HEMOGLOBIN |
| 56 | 6 | HILAR | Char | 3 | 755 | 1 HILAR VESSELS |
| 57 | 107 | IVID | Num | 8 | 584 | MM LVIDES |
| 58 | 104 | LA | Num | 8 | 560 | MM, LA |
| 59 | 67 | LDHML | Num | 8 | 368 | LDH UPPER LIMIT NORMAL |
| 60 | 66 | LDHMU | Num | 8 | 360 | LDH |
| 61 | 25 | LEAD | Num | 8 | 88 | LEAD |
| 62 | 82 | LENOTD | Char | 3 | 821 | LE CELLS |
| 63 | 33 | LEUKCNT | Num | 8 | 120 | *10**3 PER MM**3 LEUKOCYTE COUNT |
| 64 | 13 | LINDIFF | Char | 2 | 773 | LINEAR |
| 65 | 3 | LOADDATE | Num | 8 | 16 | DATE FORM LOADED IN DATABASE |
| 66 | 103 | LOADNOTD | Num | 8 | 552 | WORKLOAD NOT DONE |
| 67 | 102 | LOADVO2 | Num | 8 | 544 | VO2 WORKLOAD |
| 68 | 101 | LOADWATT | Num | 8 | 536 | WATTS WORKLOAD |
| 69 | 11 | LUNGFLDS | Char | 3 | 768 | LUNG FIELDS |
| 70 | 124 | LUNGSAN | Num | 8 | 696 | LUNG SCAN |

| Obs | Num | Variable | Type | Len | Pos | Label |
|-----|-----|----------|------|-----|-----|---|
| 71 | 106 | LVID | Num | 8 | 576 | MM LVIDED |
| 72 | 110 | LVPW | Num | 8 | 608 | MM LVPW THICKNESS |
| 73 | 35 | LYMP | Num | 8 | 136 | % LYMPHOCYTES |
| 74 | 5 | MAINPA | Char | 3 | 752 | MAIN PA |
| 75 | 94 | MAXBPM | Num | 8 | 488 | BPM MAX. EXERCISE ATTAINED HEART |
| 76 | 24 | MAXHEIGH | Num | 8 | 80 | MM P WAVE MAXIMUM HEIGHT |
| 77 | 95 | MAXMMHG | Num | 8 | 496 | MMHG MAX EXERCISE ATTAINED BP-SYSTOLIC |
| 78 | 96 | MAXMMHG2 | Num | 8 | 504 | MMHG MAX EXERCISE ATTAINED BP-DIASTOLIC |
| 79 | 89 | MDYBIOP | Num | 8 | 456 | OPEN LUNG BIOPSY DATE |
| 80 | 2 | MDYEVENT | Num | 8 | 8 | FORM EVENT DATE |
| 81 | 130 | METHDATE | Num | 8 | 744 | DATE OF METHODS TO RULE-OUT |
| 82 | 129 | METHODS | Num | 8 | 736 | METHODS TO RULE-OUT L-R SHUNT |
| 83 | 7 | MIDLUNG | Char | 3 | 758 | MID-LUNG VESSELS |
| 84 | 36 | MONO | Num | 8 | 144 | % MONOCYTES |
| 85 | 34 | NEUT | Num | 8 | 128 | % NEUTROPHILS |
| 86 | 1 | NEWID | Num | 8 | 0 | |
| 87 | 12 | NODDIFF | Char | 2 | 771 | NODULAR |
| 88 | 100 | NOTDONE | Num | 8 | 528 | TOTAL METS ACHIEVED: NOT DONE |
| 89 | 57 | PAC02 | Num | 8 | 288 | MM HG ART. BLOOD GASES |
| 90 | 8 | PERIPH | Char | 3 | 761 | PERIPHERAL VESSELS |
| 91 | 50 | PFTFEV1 | Num | 8 | 240 | LITERS FORCED EXP. VOL. 1 |
| 92 | 45 | PFTFVC | Num | 8 | 208 | LITERS FORCED VITAL CAPACITY |
| 93 | 58 | PH | Num | 8 | 296 | ARTERIAL BLOOD GASES: PH |
| 94 | 68 | PLASYS | Char | 2 | 811 | PLASMA SAMPLE FROZEN AND STORED |
| 95 | 39 | PLATABNL | Char | 2 | 802 | PLATELETS: NORMAL VS. ABNORMAL |
| 96 | 40 | PLATCNT | Num | 8 | 168 | *10**3 PER MM**3 ABSOLUTE PLAT. |
| 97 | 15 | PLRLEFT | Char | 5 | 777 | PLEURAL EFFUSION |
| 98 | 83 | PREGND | Char | 3 | 824 | PREGNANCY TEST |
| 99 | 19 | PRINT | Num | 8 | 48 | SECONDS P-R INTERVAL EKG |
| 100 | 42 | PROTCNTL | Num | 8 | 184 | SECONDS PROTHROMBIN TIME CONTROL |
| 101 | 41 | PROTHROM | Num | 8 | 176 | SECONDS PROTHROMBIN TIME |
| 102 | 10 | PRUNING | Char | 2 | 766 | PRUNING |
| 103 | 125 | PSCAN | Num | 8 | 704 | PERFUSION SCAN |
| 104 | 20 | QRS | Num | 8 | 56 | SECONDS QRS EKG |
| 105 | 22 | QRSAXIS | Char | 2 | 788 | QRS AXIS DIRECTION |
| 106 | 23 | QRSDEGRE | Num | 8 | 72 | QRS DEGREES |

| Obs | Num | Variable | Type | Len | Pos | Label |
|-----|-----|----------|------|-----|-----|------------------------------------|
| 107 | 21 | QT | Num | 8 | 64 | SECONDS Q-T EKG |
| 108 | 87 | R2LSHUNT | Char | 2 | 837 | RIGHT TO LEFT SHUNTING |
| 109 | 120 | RESPDATE | Num | 8 | 664 | DATE OF PULMONARY FUNCTION TESTS |
| 110 | 119 | RESPFEV1 | Num | 8 | 656 | 0 FVC AND OR FEV1 |
| 111 | 118 | RESPTEST | Num | 8 | 648 | PULMONARY FUNCTION TESTS |
| 112 | 80 | RHEUMFAC | Char | 2 | 815 | RHEUMATOID FACTOR NEG-POS |
| 113 | 81 | RHEUMPAT | Char | 4 | 817 | 4 RHEUMATOID FACTOR |
| 114 | 17 | RTHOTHR2 | Char | 6 | 782 | RHYTHM |
| 115 | 26 | RVHYPER | Char | 3 | 790 | RIGHT VENTRICULAR HYPERTROPHY |
| 116 | 108 | RVID | Num | 8 | 592 | MM RVID |
| 117 | 28 | RVSDK | Char | 3 | 796 | RIGHT VENTRICULAR STRAIN |
| 118 | 29 | S123DK | Char | 3 | 799 | S1 S2 S3 PATTERN |
| 119 | 126 | SCANDATE | Num | 8 | 712 | DATE OF SCAN |
| 120 | 14 | SEPDIF | Char | 2 | 775 | SEPTAL LINES |
| 121 | 109 | SEPTAL | Num | 8 | 600 | MM SEPTAL THICKNESS |
| 122 | 65 | SGOTML | Num | 8 | 352 | SGOT UPPER LIMIT NORMAL |
| 123 | 64 | SGOTMU | Num | 8 | 344 | SGOT |
| 124 | 114 | SHUNT2D | Char | 3 | 859 | RIGHT-LEFT SHUNT BY CONTRAST |
| 125 | 44 | TLC | Num | 8 | 200 | LITERS TOTAL LUNG CAPACITY |
| 126 | 79 | TPATTERN | Num | 8 | 448 | ANTINUCLEAR ANTIBODY TITER PATTERN |
| 127 | 113 | TRICUSP3 | Char | 3 | 856 | TRICUSPID REGURGITATION |
| 128 | 48 | VE | Num | 8 | 224 | LITERS ? VE |
| 129 | 49 | VEFREQ | Num | 8 | 232 | LITERS ? FREQ |
| 130 | 84 | VENTNORM | Char | 2 | 827 | VENTILATION SCAN |
| 131 | 18 | VENTRATE | Num | 8 | 40 | 0 BEATS PER MIN. VENT. |

Data Set Name: file15.sas7bdat

| Obs | Num | Variable | Type | Len | Pos | Label |
|-----|-----|----------|------|-----|-----|---|
| 1 | 4 | CIRRYES | Num | 8 | 24 | HEPATIC CIRRHOSIS |
| 2 | 9 | CL10OTHB | Char | 5 | 80 | OTHER VASCULITIS AND IMMUNE-REL.DISEASE |
| 3 | 8 | CLGNVASC | Char | 8 | 72 | WHICH ASSOC. COLLAGEN VASC. DISEASES |
| 4 | 7 | COLLAYS | Num | 8 | 48 | ASSOCIATED COLLAGEN VASCULAR DISEASES |
| 5 | 5 | COMPSPEC | Num | 8 | 32 | HEPATIC CIRRHOSIS: COMPLICATIONS |
| 6 | 6 | CRHSBILI | Num | 8 | 40 | TYPE OF CIRRHOSIS |
| 7 | 2 | LOADDATE | Num | 8 | 8 | DATE FORM LOADED IN DATABASE |
| 8 | 3 | MDYEVENT | Num | 8 | 16 | FORM EVENT DATE |
| 9 | 1 | NEWID | Num | 8 | 0 | |
| 10 | 10 | OTHILL1 | Num | 8 | 56 | OTHER ASSOCIATED ILLNESSES |
| 11 | 11 | OTHILL4 | Num | 8 | 64 | OTHER ASSOC. ILLNESSES CONTINUED |

Data Set Name: file16.sas7bdat

| Obs | Num | Variable | Type | Len | Pos | Label |
|-----|-----|----------|------|-----|-----|--|
| 1 | 10 | CHRNDUR1 | Char | 10 | 56 | CHRONIC DRUG THERAPY 1 |
| 2 | 11 | CHRNDUR2 | Char | 10 | 66 | CHRONIC DRUG THERAPY 2 |
| 3 | 12 | CHRNDUR3 | Char | 10 | 76 | CHRONIC DRUG THERAPY 3 |
| 4 | 13 | CHRNDUR4 | Char | 10 | 86 | CHRONIC DRUG THERAPY 4 |
| 5 | 14 | CHRNDUR5 | Char | 10 | 96 | CHRONIC DRUG THERAPY 5 |
| 6 | 15 | CHRNDUR6 | Char | 10 | 106 | CHRONIC DRUG THERAPY 6 |
| 7 | 16 | CHRNDUR7 | Char | 10 | 116 | CHRONIC DRUG THERAPY 7 |
| 8 | 17 | CHRNDUR8 | Char | 10 | 126 | CHRONIC DRUG THERAPY 8 |
| 9 | 18 | CHRNDUR9 | Char | 10 | 136 | CHRONIC DRUG THERAPY 9 |
| 10 | 6 | HEMO | Num | 8 | 32 | G% HEMOGLOBIN |
| 11 | 2 | LOADDATE | Num | 8 | 8 | DATE FORM LOADED IN DATABASE |
| 12 | 3 | MDYEVENT | Num | 8 | 16 | FORM EVENT DATE |
| 13 | 1 | NEWID | Num | 8 | 0 | |
| 14 | 7 | O2OTHR8 | Char | 8 | 42 | METHOD OF O2 CONTENT DETERMINATION |
| 15 | 8 | OUTPUT1T | Char | 3 | 50 | 1 METHOD OF CARDIAC OUTPUT DETERMIN. |
| 16 | 9 | OUTPUT2T | Char | 3 | 53 | 2ND METHOD OF CARDIAC OUTPUT DETERMIN. |
| 17 | 5 | PRERECDY | Num | 8 | 24 | DATE DATA RECORDED AT OUTSIDE INST |
| 18 | 4 | PREVYES | Char | 2 | 40 | DATA FROM AN OUTSIDE INSTITUTION |

Data Set Name: file17.sas7bdat

| Obs | Num | Variable | Type | Len | Pos | Label |
|-----|-----|----------|------|-----|-----|---|
| 1 | 7 | ADMHRS | Num | 8 | 48 | TIME DRUG ADMINISTERED HOURS |
| 2 | 8 | ADMMIN | Num | 8 | 56 | TIME DRUG ADMINISTERED MINUTES |
| 3 | 11 | CNTRL | Num | 8 | 80 | CONTROL |
| 4 | 42 | COMMENT4 | Char | 4 | 313 | ADDITIONAL COMMENTS ON DRUG TESTING |
| 5 | 6 | DATEY | Num | 8 | 40 | DATE PANEL MEASUREMENTS RECORDED |
| 6 | 37 | DELYES | Char | 2 | 291 | DELETERIOUS EFFECTS FROM CATH |
| 7 | 12 | DRUGFLAG | Char | 2 | 272 | DRUG TEST |
| 8 | 14 | EDURMIN | Num | 8 | 96 | MINUTES: DURATION OF EXERCISE TEST |
| 9 | 15 | EDURSEC | Num | 8 | 104 | SECONDS: DURATION OF EXERCISE TEST |
| 10 | 40 | EFFOTHER | Char | 7 | 303 | OTHER DELETERIOUS EFFECTS OF DRUG TEST |
| 11 | 39 | EFFYES | Char | 2 | 301 | DELETERIOUS EFFECTS OF DRUG TESTING |
| 12 | 16 | ELOAD | Num | 8 | 112 | WORKLOAD |
| 13 | 13 | ETEST | Num | 8 | 88 | EXERCISE TEST |
| 14 | 17 | EUNIT | Char | 5 | 274 | WORKLOAD UNITS |
| 15 | 44 | EXERDUR | Num | 8 | 264 | |
| 16 | 31 | FHPACO2 | Num | 8 | 216 | MMHG SYSTEMIC ARTERIAL CO2 TENSION |
| 17 | 30 | FHPAO2 | Num | 8 | 208 | MMHG SYSTEMIC ARTERIAL OXYGEN TENSION |
| 18 | 19 | HRATE | Num | 8 | 120 | HEART RATE |
| 19 | 2 | LOADDATE | Num | 8 | 8 | DATE FORM LOADED IN DATABASE |
| 20 | 3 | MDYEVENT | Num | 8 | 16 | FORM EVENT DATE |
| 21 | 9 | MEASHRS | Num | 8 | 64 | HOURS TIME OF MEASUREMENT |
| 22 | 10 | MEASMIN | Num | 8 | 72 | MINUTES TIME OF MEASUREMENT |
| 23 | 1 | NEWID | Num | 8 | 0 | |
| 24 | 41 | NOTEDSCH | Char | 3 | 310 | WHEN WERE EFFECTS FIRST NOTED |
| 25 | 38 | OTHRSPEC | Char | 8 | 293 | OTHER DELETERIOUS EFFECTS FROM CATH |
| 26 | 34 | PACONT | Num | 8 | 240 | ML PER DL PULMONARY ARTERIAL OXYGEN |
| 27 | 4 | PANLONES | Num | 8 | 24 | ONES COUNTER FOR THIS PANEL |
| 28 | 5 | PANLTENS | Num | 8 | 32 | TENS COUNTER FOR THIS PANEL |
| 29 | 43 | PANLTOT | Num | 8 | 256 | |
| 30 | 22 | PPADIA | Num | 8 | 144 | MMHG PULMONARY ARTERY PRESSURE DIASTOL |
| 31 | 23 | PPAMEAN | Num | 8 | 152 | MMHG PULMONARY ARTERY PRESSURE MEAN |
| 32 | 21 | PPASYS | Num | 8 | 136 | MMHG PULMONARY ARTERY PRESSURE SYSTOLIC |
| 33 | 24 | PPCW | Num | 8 | 160 | MMHG PULMONARY CAPILLARY WEDGE PRESSURE |
| 34 | 20 | PRA | Num | 8 | 128 | MMHG RIGHT ATRIAL PRESSURE (MEAN) |

| Obs | Num | Variable | Type | Len | Pos | Label |
|-----|-----|----------|------|-----|-----|--|
| 35 | 26 | PSYSDIA | Num | 8 | 176 | MMHG SYSTEMIC ARTERIAL PRESSURE DIAS. |
| 36 | 27 | PSYSMEAN | Num | 8 | 184 | MMHG SYSTEMIC ARTERIAL PRESSURE MEAN |
| 37 | 25 | PSYSSYS | Num | 8 | 168 | MMHG SYSTEMIC ARTERIAL PRESSURE SYSTOLIC |
| 38 | 36 | PTIME3 | Char | 9 | 282 | PREMEDICATION GIVEN FOR CATH STUDY |
| 39 | 18 | PURPCNTL | Char | 3 | 279 | PURPOSE OF THIS STUDY |
| 40 | 28 | QS1 | Num | 8 | 192 | LITERS PER MIN. CARDIAC OUTPUT METHOD 1 |
| 41 | 29 | QS2 | Num | 8 | 200 | LITERS PER MIN. CARDIAC OUTPUT METHOD 2 |
| 42 | 33 | SACONT | Num | 8 | 232 | ML PER DL SYSTEMIC ARTERIAL OXYGEN |
| 43 | 32 | SYSARTPH | Num | 8 | 224 | SYSTEMIC ARTERIAL PH |
| 44 | 35 | V02 | Num | 8 | 248 | ML PER MIN OXYGEN CONSUMPTION |

Data Set Name: file18.sas7bdat

| Obs | Num | Variable | Type | Len | Pos |
|-----|-----|----------|------|-----|-----|
| 1 | 7 | DROUTE | Char | 45 | 56 |
| 2 | 2 | LOADDATE | Num | 8 | 8 |
| 3 | 3 | MDYEVENT | Num | 8 | 16 |
| 4 | 1 | NEWID | Num | 8 | 0 |
| 5 | 4 | PANLONES | Num | 8 | 24 |
| 6 | 5 | PANLTENS | Num | 8 | 32 |
| 7 | 8 | PANLTOT | Num | 8 | 48 |
| 8 | 6 | TESTDRUG | Num | 8 | 40 |

Data Set Name: file19.sas7bdat

| Obs | Num | Variable | Type | Len | Pos | Label |
|-----|-----|----------|------|-----|-----|---------------------------------------|
| 1 | 12 | ASSUNC | Char | 3 | 80 | ASSSESSMENT OF DISCHARGE DRUG THERAPY |
| 2 | 17 | DISCHY | Char | 6 | 97 | 4 DATE OF HOSPITAL DISCHARGE |
| 3 | 4 | DISUNIT1 | Char | 7 | 24 | DISCHARGE THERAPY: DRUG 1 |
| 4 | 5 | DISUNIT2 | Char | 7 | 31 | 4 DISCHARGE THERAPY: DRUG 2 |
| 5 | 6 | DISUNIT3 | Char | 7 | 38 | DISCHARGE THERAPY: DRUG 3 |
| 6 | 7 | DISUNIT4 | Char | 7 | 45 | DISCHARGE THERAPY: DRUG 4 |
| 7 | 8 | DISUNIT5 | Char | 7 | 52 | DISCHARGE THERAPY: DRUG 5 |
| 8 | 9 | DISUNIT6 | Char | 7 | 59 | DISCHARGE THERAPY: DRUG 6 |
| 9 | 10 | DISUNIT7 | Char | 7 | 66 | DISCHARGE THERAPY: DRUG 7 |
| 10 | 11 | DISUNIT8 | Char | 7 | 73 | DISCHARGE THERAPY: DRUG 8 |
| 11 | 2 | LOADDATE | Num | 8 | 8 | DATE FORM LOADED IN DATABASE |
| 12 | 3 | MDYEVENT | Num | 8 | 16 | FORM EVENT DATE |
| 13 | 1 | NEWID | Num | 8 | 0 | |
| 14 | 15 | NOIMPROV | Char | 3 | 90 | SYST. IMPROVEMENTS: IMPROVEMENT IN |
| 15 | 14 | NOREDUCT | Char | 1 | 89 | SYSTEMATIC IMPROVEMENTS: NO REDUCTION |
| 16 | 16 | OTHER4 | Char | 4 | 93 | SYSTEMATIC IMPROVEMENTS: OTHER |
| 17 | 13 | REDSYNDZ | Char | 6 | 83 | SYMPTOMATIC IMPROVEMENTS: REDUCTION |

Data Set Name: file1.sas7bdat

| Obs | Num | Variable | Type | Len | Pos | Label |
|-----|-----|----------|------|-----|-----|-----------------------------|
| 1 | 5 | AGE | Num | 8 | 32 | AGE IN YEARS |
| 2 | 1 | CMHEIGHT | Num | 8 | 0 | HEIGHT IN CENTIMETERS |
| 3 | 4 | DATECOMY | Num | 8 | 24 | DATE FORM COMPLETED |
| 4 | 3 | DATESEY | Num | 8 | 16 | DATE OF CONTACT |
| 5 | 15 | FOLLFLAG | Char | 12 | 114 | |
| 6 | 10 | HEIGHT | Num | 8 | 64 | HEIGHT (RAW) |
| 7 | 11 | HGHTUNIT | Num | 8 | 72 | HEIGHT UNIT CODE |
| 8 | 2 | KGWEIGHT | Num | 8 | 8 | WEIGHT IN KILOGRAMS |
| 9 | 8 | MARITAL | Num | 8 | 48 | MARITAL STATUS CODE |
| 10 | 16 | NEWID | Num | 8 | 104 | |
| 11 | 9 | OCCUP | Num | 8 | 56 | OCCUPATION CODE |
| 12 | 7 | RACESPEC | Char | 2 | 112 | RACE CODE |
| 13 | 14 | REVIEWED | Num | 8 | 96 | COMPLETED AND REVIEWED CODE |
| 14 | 6 | SEX | Num | 8 | 40 | SEX |
| 15 | 12 | WEIGHT | Num | 8 | 80 | WEIGHT (RAW) |
| 16 | 13 | WGHTUNIT | Num | 8 | 88 | WEIGHT UNIT CODE |

Data Set Name: file20.sas7bdat

| Obs | Num | Variable | Type | Len | Pos | Label |
|-----|-----|----------|------|-----|-----|------------------------------|
| 1 | 3 | LOADDATE | Num | 8 | 16 | DATE FORM LOADED IN DATABASE |
| 2 | 2 | MDYEVENT | Num | 8 | 8 | FORM EVENT DATE |
| 3 | 1 | NEWID | Num | 8 | 0 | |
| 4 | 4 | PANLONES | Num | 8 | 24 | ONES COUNTER FOR THIS PANEL |
| 5 | 5 | PANLTENS | Num | 8 | 32 | TENS COUNTER FOR THIS PANEL |
| 6 | 6 | PANLTOT | Num | 8 | 40 | SUM (PANLTENS*10)+PANLONES |

Data Set Name: file21.sas7bdat

| Obs | Num | Variable | Type | Len | Pos | Label |
|-----|-----|----------|------|-----|-----|---------------------------------|
| 1 | 4 | CURRSYM | Char | 11 | 48 | CURRENT SYMPTOMS |
| 2 | 6 | FUNCTAP | Num | 8 | 24 | FUNCTIONAL CAPACITY |
| 3 | 7 | IMPROVED | Num | 8 | 32 | PATIENT'S SELF-PERCEPTION |
| 4 | 3 | LOADDATE | Num | 8 | 16 | DATE FORM LOADED IN DATABASE |
| 5 | 2 | MDYEVENT | Num | 8 | 8 | FORM EVENT DATE |
| 6 | 1 | NEWID | Num | 8 | 0 | |
| 7 | 5 | NEWSYMP | Char | 11 | 59 | NEW SYMPTOMS |
| 8 | 8 | VASODILA | Num | 8 | 40 | CURRENT PULM. HTN. DRUG THERAPY |

Data Set Name: file22.sas7bdat

| Obs | Num | Variable | Type | Len | Pos | Label |
|-----|-----|----------|------|-----|-----|------------------------------|
| 1 | 7 | FROM1YY | Char | 6 | 54 | DATE STARTED DRUG |
| 2 | 6 | GENDOSE1 | Char | 6 | 48 | GENERIC DRUG AND DOSE |
| 3 | 3 | LOADDATE | Num | 8 | 16 | DATE FORM LOADED IN DATABASE |
| 4 | 2 | MDYEVENT | Num | 8 | 8 | FORM EVENT DATE |
| 5 | 1 | NEWID | Num | 8 | 0 | |
| 6 | 5 | PANLONES | Num | 8 | 32 | ONES COUNTER FOR THIS PANEL |
| 7 | 4 | PANLTENS | Num | 8 | 24 | TENS COUNTER FOR THIS PANEL |
| 8 | 9 | PANLTOT | Num | 8 | 40 | SUM (PANLTENS*10)+PANLONES |
| 9 | 8 | TO1YY | Char | 6 | 60 | DATE STOPPED DRUG |

Data Set Name: file23.sas7bdat

| Obs | Num | Variable | Type | Len | Pos | Label |
|-----|-----|----------|------|-----|-----|------------------------------|
| 1 | 6 | DRUG1 | Char | 7 | 48 | GENERIC NAME DRUG1 |
| 2 | 3 | LOADDATE | Num | 8 | 16 | DATE FORM LOADED IN DATABASE |
| 3 | 2 | MDYEVENT | Num | 8 | 8 | FORM EVENT DATE |
| 4 | 1 | NEWID | Num | 8 | 0 | |
| 5 | 5 | PANLONES | Num | 8 | 32 | ONES COUNTER FOR THIS PANEL |
| 6 | 4 | PANLTENS | Num | 8 | 24 | TENS COUNTER FOR THIS PANEL |
| 7 | 7 | PANLTOT | Num | 8 | 40 | SUM (PANLTENS*10)+PANLONES |

Data Set Name: file24.sas7bdat

| Obs | Num | Variable | Type | Len | Pos | Label |
|-----|-----|----------|------|-----|-----|------------------------------|
| 1 | 3 | LOADDATE | Num | 8 | 16 | DATE FORM LOADED IN DATABASE |
| 2 | 2 | MDYEVENT | Num | 8 | 8 | FORM EVENT DATE |
| 3 | 1 | NEWID | Num | 8 | 0 | |
| 4 | 4 | RELATED | Char | 1 | 24 | RELATED ADVERSE EFFECTS |

Data Set Name: file25.sas7bdat

| Obs | Num | Variable | Type | Len | Pos | Label |
|-----|-----|----------|------|-----|-----|--|
| 1 | 6 | HFROMYY1 | Num | 8 | 40 | DATE OF FIRST HOSPITAL SINCE LAST FOLL |
| 2 | 7 | HTOYY1 | Num | 8 | 48 | DATE OF DISCHARGE FROM HOSP1 |
| 3 | 3 | LOADDATE | Num | 8 | 16 | DATE FORM LOADED IN DATABASE |
| 4 | 2 | MDYEVENT | Num | 8 | 8 | FORM EVENT DATE |
| 5 | 1 | NEWID | Num | 8 | 0 | |
| 6 | 5 | PANLONES | Num | 8 | 32 | ONES COUNTER FOR THIS PANEL |
| 7 | 4 | PANLTENS | Num | 8 | 24 | TENS COUNTER FOR THIS PANEL |
| 8 | 9 | PANLTOT | Num | 8 | 56 | SUM (PANLTENS*10)+PANLONES |
| 9 | 8 | REASON1 | Char | 1 | 64 | REASON FOR HOSPITALIZATION1 |

Data Set Name: file26.sas7bdat

| Obs | Num | Variable | Type | Len | Pos | Label |
|-----|-----|----------|------|-----|-----|------------------------------|
| 1 | 4 | CIRRYYS | Char | 2 | 24 | CIRRHOSIS |
| 2 | 5 | COLLYS | Char | 2 | 26 | COLLAGEN VASCULAR DISEASE |
| 3 | 6 | DRUGYS | Char | 2 | 28 | DIET OR DRUG RELATED |
| 4 | 3 | LOADDATE | Num | 8 | 16 | DATE FORM LOADED IN DATABASE |
| 5 | 2 | MDYEVENT | Num | 8 | 8 | FORM EVENT DATE |
| 6 | 1 | NEWID | Num | 8 | 0 | |

Data Set Name: file27.sas7bdat

| Obs | Num | Variable | Type | Len | Pos | Label |
|-----|-----|----------|------|-----|-----|------------------------------|
| 1 | 4 | ALIVEYY | Num | 8 | 24 | DATE PATIENT LAST ALIVE |
| 2 | 8 | ALSOSECD | Num | 8 | 56 | CAUSE OF DEATH |
| 3 | 9 | AUTOPYS | Num | 8 | 64 | WAS AN AUTOPSY OBTAINED |
| 4 | 5 | COMPYY | Num | 8 | 32 | DATE FORM COMPLETED |
| 5 | 6 | DEATHYY | Num | 8 | 40 | DATE OF DEATH |
| 6 | 2 | LOADDATE | Num | 8 | 8 | DATE FORM LOADED IN DATABASE |
| 7 | 3 | MDYEVENT | Num | 8 | 16 | FORM EVENT DATE |
| 8 | 1 | NEWID | Num | 8 | 0 | |
| 9 | 7 | OTHRINFO | Num | 8 | 48 | DEATH SECONDARY TO |
| 10 | 10 | PDETAILS | Num | 8 | 72 | DETAILS OF DEATH |
| 11 | 11 | REVIEWED | Num | 8 | 80 | INVESTIGATOR SIGNED |

Data Set Name: file28.sas7bdat

| Obs | Num | Variable | Type | Len | Pos | Label |
|-----|-----|-----------|------|-----|-----|--------------------------------------|
| 1 | 4 | CARDIAC | Char | 10 | 32 | Cardiac complications encountered |
| 2 | 9 | ESTDAY | Char | 1 | 54 | Estimate of additional days |
| 3 | 8 | HOSPDAY | Char | 1 | 53 | Estimate additional days |
| 4 | 6 | INFECTION | Char | 4 | 42 | Infectious complications encountered |
| 5 | 3 | LOADDATE | Num | 8 | 16 | DATE FORM LOADED IN DATABASE |
| 6 | 2 | MDYEVENT | Num | 8 | 8 | FORM EVENT DATE |
| 7 | 7 | MISC | Char | 7 | 46 | Other complications encountered |
| 8 | 1 | NEWID | Num | 8 | 0 | |
| 9 | 5 | THORACIC | Num | 8 | 24 | Thoracic complications encountered |

Data Set Name: file29.sas7bdat

| Obs | Num | Variable | Type | Len | Pos | Label |
|-----|-----|----------|------|-----|-----|-----------------------|
| 1 | 1 | NEWID | Num | 8 | 0 | |
| 2 | 2 | STATUS | Char | 8 | 8 | (PHBT) PASS FAIL HOLD |

Data Set Name: file2.sas7bdat

| Obs | Num | Variable | Type | Len | Pos | Label |
|-----|-----|----------|------|-----|-----|---------------------------------------|
| 1 | 12 | AUNIT1 | Char | 7 | 70 | GENERIC DRUG 1 DOSAGE PER |
| 2 | 13 | AUNIT2 | Char | 7 | 77 | GENERIC DRUG 2- DOSAGE PER |
| 3 | 14 | AUNIT3 | Char | 6 | 84 | GENERIC DRUG 3- DOSAGE PER |
| 4 | 15 | AUNIT4 | Char | 7 | 90 | GENERIC DRUG 4- DOSAGE PER |
| 5 | 16 | AUNIT5 | Char | 7 | 97 | GENERIC DRUG 5- DOSAGE PER |
| 6 | 17 | AUNIT6 | Char | 7 | 104 | GENERIC DRUG 6- DOSAGE PER |
| 7 | 18 | AUNIT7 | Char | 7 | 111 | GENERIC DRUG 7- DOSAGE PER |
| 8 | 19 | AUNIT8 | Char | 7 | 118 | GENERIC DRUG 8- DOSAGE PER |
| 9 | 20 | AUNIT9 | Char | 7 | 125 | GENERIC DRUG 9- DOSAGE PER |
| 10 | 21 | AUNIT10 | Char | 7 | 132 | GENERIC DRUG 10- DOSAGE PER |
| 11 | 23 | DIETCOM5 | Char | 5 | 148 | ADDITIONAL COMMENTS |
| 12 | 22 | DIETDRT3 | Char | 9 | 139 | DIET OR DRUG HISTORY |
| 13 | 3 | LOADDATE | Num | 8 | 16 | DATE FORM LOADED IN DATABASE |
| 14 | 2 | MDYEVENT | Num | 8 | 8 | FORM EVENT DATE |
| 15 | 11 | MEDICYES | Char | 3 | 67 | IS PATIENT CURRENTLY ON MEDICATION |
| 16 | 1 | NEWID | Num | 8 | 0 | |
| 17 | 9 | NYHA2 | Char | 4 | 61 | FUNCTIONAL CAPACITY |
| 18 | 8 | NYHACAPD | Num | 8 | 40 | FUNCTIONAL CAPACITY |
| 19 | 4 | PREDSPEC | Char | 11 | 48 | PREDOMINANT SYMPTOMS |
| 20 | 10 | RAYYES | Char | 2 | 65 | EVIDENCE FOR RAYNAUD'S PHENOMENON |
| 21 | 6 | SYMPTMOS | Num | 8 | 32 | ADDITIONAL MONTHS SINCE FIRST SYMPTOM |
| 22 | 5 | SYMPTYRS | Num | 8 | 24 | YEARS SINCE FIRST SYMPTOM |
| 23 | 7 | UNSYMPT | Char | 2 | 59 | RE: FIRST SYMPTOM: NA OR |

Data Set Name: file30.sas7bdat

| Obs | Num | Variable | Type | Len | Pos | Label |
|-----|-----|----------|------|-----|-----|---|
| 1 | 38 | CADMMIN | Num | 8 | 152 | 0 time drug administered minutes |
| 2 | 61 | CBHPACO2 | Num | 8 | 312 | mmhg systemic arterial co2 tension |
| 3 | 60 | CBHPAO2 | Num | 8 | 304 | mmhg systemic arterial oxygen tension |
| 4 | 41 | CCNTRL | Num | 8 | 176 | control |
| 5 | 42 | CDRUGFLA | Char | 20 | 678 | drug test |
| 6 | 44 | CEDURMIN | Num | 8 | 192 | minutes: duration of exercise test |
| 7 | 45 | CEDURSEC | Num | 8 | 200 | seconds: duration of exercise test |
| 8 | 46 | CELOAD | Num | 8 | 208 | workload |
| 9 | 43 | CETEST | Num | 8 | 184 | exercise test |
| 10 | 47 | CEUNIT | Char | 20 | 698 | workload units |
| 11 | 49 | CHRATE | Num | 8 | 216 | heart rate |
| 12 | 11 | CHRNDUR1 | Char | 10 | 568 | CHRONIC DRUG THERAPY 1 |
| 13 | 12 | CHRNDUR2 | Char | 10 | 578 | CHRONIC DRUG THERAPY 2 |
| 14 | 13 | CHRNDUR3 | Char | 10 | 588 | CHRONIC DRUG THERAPY 3 |
| 15 | 14 | CHRNDUR4 | Char | 10 | 598 | CHRONIC DRUG THERAPY 4 |
| 16 | 15 | CHRNDUR5 | Char | 10 | 608 | CHRONIC DRUG THERAPY 5 |
| 17 | 16 | CHRNDUR6 | Char | 10 | 618 | CHRONIC DRUG THERAPY 6 |
| 18 | 17 | CHRNDUR7 | Char | 10 | 628 | CHRONIC DRUG THERAPY 7 |
| 19 | 18 | CHRNDUR8 | Char | 10 | 638 | CHRONIC DRUG THERAPY 8 |
| 20 | 19 | CHRNDUR9 | Char | 10 | 648 | CHRONIC DRUG THERAPY 9 |
| 21 | 39 | CMEASHRS | Num | 8 | 160 | hours time of measurement |
| 22 | 40 | CMEASMIN | Num | 8 | 168 | min: time of measurement |
| 23 | 64 | CPACONT | Num | 8 | 336 | ml per dl pulmonary arterial oxygen |
| 24 | 52 | CPPADIA | Num | 8 | 240 | mmhg pulmonary artery pressure diastol |
| 25 | 53 | CPPAMEAN | Num | 8 | 248 | mmhg pulmonary artery pressure mean |
| 26 | 51 | CPPASYS | Num | 8 | 232 | mmhg pulmonary artery pressure systolic |
| 27 | 54 | CPPCW | Num | 8 | 256 | mmhg pulmonary capillary wedge pressure |
| 28 | 50 | CPRA | Num | 8 | 224 | mmhg right atrial pressure (mean) |
| 29 | 56 | CPSYSDIA | Num | 8 | 272 | mmhg systemic arterial pressure dias. |
| 30 | 57 | CPSYSMEA | Num | 8 | 280 | mmhg systemic arterial pressure mean |
| 31 | 55 | CPSYSSYS | Num | 8 | 264 | mmhg systemic arterial pressure systoli |
| 32 | 48 | CPURPCNT | Char | 20 | 718 | purpose of this study |
| 33 | 58 | CQS1 | Num | 8 | 288 | 0 liters per min. cardiac output method |
| 34 | 59 | CQS2 | Num | 8 | 296 | liters per min. cardiac output method 2 |

| Obs | Num | Variable | Type | Len | Pos | Label |
|-----|-----|----------|------|-----|-----|---|
| 35 | 63 | CSACONT | Num | 8 | 328 | ml per dl systemic arterial oxygen |
| 36 | 62 | CSYSARTP | Num | 8 | 320 | systemic arterial ph |
| 37 | 65 | CV02 | Num | 8 | 344 | ml per min oxygen consumption |
| 38 | 66 | DADMMIN | Num | 8 | 352 | 0 time drug administered minutes |
| 39 | 89 | DBHPACO2 | Num | 8 | 512 | mmhg systemic arterial co2 tension |
| 40 | 88 | DBHPAO2 | Num | 8 | 504 | mmhg systemic arterial oxygen tension |
| 41 | 69 | DCNTRL | Num | 8 | 376 | control |
| 42 | 70 | DDRUGFLA | Char | 20 | 738 | drug test |
| 43 | 72 | DEDURMIN | Num | 8 | 392 | minutes: duration of exercise test |
| 44 | 73 | DEDURSEC | Num | 8 | 400 | seconds: duration of exercise test |
| 45 | 74 | DELOAD | Num | 8 | 408 | workload |
| 46 | 71 | DETEST | Num | 8 | 384 | exercise test |
| 47 | 75 | DEUNIT | Char | 20 | 758 | workload units |
| 48 | 77 | DHRATE | Num | 8 | 416 | heart rate |
| 49 | 67 | DMEASHRS | Num | 8 | 360 | hours time of measurement |
| 50 | 68 | DMEASMIN | Num | 8 | 368 | min: time of measurement |
| 51 | 92 | DPACONT | Num | 8 | 536 | ml per dl pulmonary arterial oxygen |
| 52 | 80 | DPPADIA | Num | 8 | 440 | mmhg pulmonary artery pressure diastol |
| 53 | 81 | DPPAMEAN | Num | 8 | 448 | mmhg pulmonary artery pressure mean |
| 54 | 79 | DPPASYS | Num | 8 | 432 | mmhg pulmonary artery pressure systolic |
| 55 | 82 | DPPCW | Num | 8 | 456 | mmhg pulmonary capillary wedge pressure |
| 56 | 78 | DPRA | Num | 8 | 424 | mmhg right atrial pressure (mean) |
| 57 | 84 | DPSYSDIA | Num | 8 | 472 | mmhg systemic arterial pressure dias. |
| 58 | 85 | DPSYSMEA | Num | 8 | 480 | mmhg systemic arterial pressure mean |
| 59 | 83 | DPSYSSYS | Num | 8 | 464 | mmhg systemic arterial pressure systoli |
| 60 | 76 | DPURPCNT | Char | 20 | 778 | purpose of this study |
| 61 | 86 | DQS1 | Num | 8 | 488 | 0 liters per min. cardiac output method |
| 62 | 87 | DQS2 | Num | 8 | 496 | liters per min. cardiac output method 2 |
| 63 | 20 | DR1 | Char | 4 | 658 | |
| 64 | 21 | DR2 | Char | 4 | 662 | |
| 65 | 22 | DR3 | Char | 4 | 666 | |
| 66 | 23 | DR4 | Char | 4 | 670 | |
| 67 | 24 | DR5 | Char | 4 | 674 | |
| 68 | 91 | DSACONT | Num | 8 | 528 | ml per dl systemic arterial oxygen |
| 69 | 90 | DSYSARTP | Num | 8 | 520 | systemic arterial ph |
| 70 | 93 | DV02 | Num | 8 | 544 | ml per min oxygen consumption |

| Obs | Num | Variable | Type | Len | Pos | Label |
|-----|-----|----------|------|-----|-----|--|
| 71 | 2 | FLAG | Num | 8 | 8 | |
| 72 | 7 | HEMO | Num | 8 | 40 | G% HEMOGLOBIN |
| 73 | 3 | LOADDATE | Num | 8 | 16 | DATE FORM LOADED IN DATABASE |
| 74 | 35 | LOOPCNT | Num | 8 | 128 | |
| 75 | 4 | MDYEVENT | Num | 8 | 24 | FORM EVENT DATE |
| 76 | 1 | NEWID | Num | 8 | 0 | |
| 77 | 8 | O2OTHR8 | Char | 8 | 554 | METHOD OF O2 CONTENT DETERMINATION |
| 78 | 37 | ONES | Num | 8 | 144 | |
| 79 | 9 | OUTPUT1T | Char | 3 | 562 | 1 METHOD OF CARDIAC OUTPUT DETERMIN. |
| 80 | 10 | OUTPUT2T | Char | 3 | 565 | 2ND METHOD OF CARDIAC OUTPUT DETERMIN. |
| 81 | 6 | PRERECDY | Num | 8 | 32 | |
| 82 | 5 | PREVYES | Char | 2 | 552 | |
| 83 | 36 | TENS | Num | 8 | 136 | |
| 84 | 25 | XC1 | Num | 8 | 48 | |
| 85 | 26 | XC2 | Num | 8 | 56 | |
| 86 | 27 | XC3 | Num | 8 | 64 | |
| 87 | 28 | XC4 | Num | 8 | 72 | |
| 88 | 29 | XC5 | Num | 8 | 80 | |
| 89 | 30 | XD1 | Num | 8 | 88 | |
| 90 | 31 | XD2 | Num | 8 | 96 | |
| 91 | 32 | XD3 | Num | 8 | 104 | |
| 92 | 33 | XD4 | Num | 8 | 112 | |
| 93 | 34 | XD5 | Num | 8 | 120 | |

Data Set Name: file31.sas7bdat

| Obs | Num | Variable | Type | Len | Pos | Label |
|-----|-----|----------|------|-----|-----|----------------------------------|
| 1 | 4 | CIRRHOS | Char | 1 | 10 | ASSOCIATED CONDITION: YES,NO |
| 2 | 3 | COLLAGEN | Char | 1 | 9 | ASSOCIATED CONDITION: YES,NO |
| 3 | 5 | IVDRUG | Char | 1 | 11 | ASSOCIATED CONDITION: YES,NO |
| 4 | 1 | NEWID | Num | 8 | 0 | |
| 5 | 2 | PPHCLASS | Char | 1 | 8 | PAT.CLASS: PASS, FAIL, ASSO.COND |

Data Set Name: file3.sas7bdat

| Obs | Num | Variable | Type | Len | Pos | Label |
|-----|-----|----------|------|-----|-----|--|
| 1 | 36 | ABORTNS | Char | 6 | 271 | OBSTETRIC HISTORY: GRAVIDA, PARA, ABORTI |
| 2 | 14 | ACXR | Num | 8 | 80 | FIRST KNOWN ABNORMAL CHEST X-RAY |
| 3 | 16 | ACXRSPEC | Num | 8 | 96 | SPECIFIC CHEST X-RAY ABNORMALITY |
| 4 | 15 | ACXRYYY | Num | 8 | 88 | DATE (YR) OF FIRST ABNORMAL |
| 5 | 11 | AEKG | Num | 8 | 56 | FIRST KNOWN ABNORMAL EKG |
| 6 | 13 | AEKGSPEC | Num | 8 | 72 | SPECIFIC EKG ABNORMALITY |
| 7 | 12 | AEKGYYY | Num | 8 | 64 | 0 DATE (YR) OF FIRST |
| 8 | 61 | ALTCMT4 | Char | 4 | 377 | COMMENTS ON HIGH ALTITUDE EXPERIENCES |
| 9 | 57 | ALTSTOP1 | Char | 12 | 329 | LOCATION 1, ALTITUDE, YRS. OF |
| 10 | 58 | ALTSTOP2 | Char | 12 | 341 | LOCATION 2, ALTITUDE, YRS. OF |
| 11 | 59 | ALTSTOP3 | Char | 12 | 353 | LOCATION 3, ALTITUDE, YRS. OF |
| 12 | 60 | ALTSTOP4 | Char | 12 | 365 | LOCATION 4, ALTITUDE, YRS OF |
| 13 | 56 | ALTYES | Char | 2 | 327 | ALTITUDE HISTORY |
| 14 | 45 | CGRFRMR | Char | 3 | 314 | SMOKING HISTORY: CIGARS |
| 15 | 44 | CGRTFRMR | Char | 3 | 311 | SMOKING HISTORY: CIGARETTES |
| 16 | 40 | CNTRCURR | Char | 3 | 287 | PATIENT EVER USED ORAL CONTRACEPTIVE |
| 17 | 17 | CONHERYS | Char | 4 | 219 | CONGENITAL DIAPHRAGMATIC HERNIA |
| 18 | 18 | CONHRTSP | Char | 4 | 223 | CONGENITAL HEART DISEASE |
| 19 | 51 | CRNTPACK | Num | 8 | 168 | AVERAGE NUMBER OF PACKS PER |
| 20 | 49 | CRNTUSER | Num | 8 | 152 | CURRENT CIGARETTE USER |
| 21 | 50 | CRNTYY | Num | 8 | 160 | (YR.) DATE STARTED |
| 22 | 6 | CXRYS | Char | 6 | 213 | EKG OR CHEST X-RAY PRIOR |
| 23 | 23 | DVTHYS | Char | 3 | 233 | DEEP VEIN THROMBOSIS |
| 24 | 24 | DVTHYY | Num | 8 | 120 | DATE (YR) OF DEEP VEIN |
| 25 | 25 | EMBOYS | Char | 3 | 236 | PULMONARY EMBOLI |
| 26 | 26 | EMBOYY | Num | 8 | 128 | DATE (YR) OF PULMONARY EMBOLI |
| 27 | 55 | FRMRPACK | Num | 8 | 200 | AVERAGE NUMBER OF PACKS PER |
| 28 | 54 | FRMRPPYY | Num | 8 | 192 | (YR.) DATE STOPPED |
| 29 | 53 | FRMRSTYY | Num | 8 | 184 | (YR.) DATE STARTED |
| 30 | 52 | FRMRUSER | Num | 8 | 176 | FORMER CIGARETTE USER |
| 31 | 2 | LOADDATE | Num | 8 | 8 | DATE FORM LOADED IN DATABASE |
| 32 | 3 | MDYEVENT | Num | 8 | 16 | FORM EVENT DATE |
| 33 | 47 | MRJNAFMR | Char | 3 | 320 | SMOKING HISTORY: MARIJUANA |
| 34 | 9 | NCXR | Num | 8 | 40 | MOST RECENT NORMAL CHEST X-RAY |

| Obs | Num | Variable | Type | Len | Pos | Label |
|-----|-----|----------|------|-----|-----|---|
| 35 | 10 | NCXRY | Num | 8 | 48 | DATE (YR) OF MOST RECENT |
| 36 | 7 | NEKG | Num | 8 | 24 | MOST RECENT NORMAL EKG |
| 37 | 8 | NEKGY | Num | 8 | 32 | DATE (YR) OF MOST |
| 38 | 1 | NEWID | Num | 8 | 0 | |
| 39 | 41 | OCSTOP1 | Char | 7 | 290 | PREPARATION 1, DURATION, YR. USE |
| 40 | 42 | OCSTOP2 | Char | 7 | 297 | PREPARATION 2, DURATION, YR. USE |
| 41 | 43 | OCSTOP3 | Char | 7 | 304 | PREPARATION 3, DURATION, YR. USE |
| 42 | 30 | OPTSYS | Char | 3 | 242 | MAJOR OPERATIONS |
| 43 | 31 | OPTSYY1 | Char | 5 | 245 | OPERATION 1: TYPE, MONTH YEAR |
| 44 | 32 | OPTSYY2 | Char | 5 | 250 | OPERATION 2: TYPE, MONTH, YEAR |
| 45 | 33 | OPTSYY3 | Char | 5 | 255 | OPERATION 3: TYPE, MONTH, YEAR |
| 46 | 34 | OPTSYY4 | Char | 6 | 260 | OPERATION 4: TYPE, MONTH, YEAR |
| 47 | 35 | OPTSYY5 | Char | 5 | 266 | OPERATION 5: TYPE, MONTH, YEAR |
| 48 | 48 | OTHSPEC | Char | 4 | 323 | SMOKING HISTORY: OTHER, SPECIFY |
| 49 | 46 | PIPEFRMR | Char | 3 | 317 | SMOKING HISTORY: PIPE |
| 50 | 4 | PPHYS | Char | 3 | 208 | WAS PATIENT EVER TOLD OF |
| 51 | 5 | PPHY | Char | 2 | 211 | DATE (YR) PATIENT TOLD OF |
| 52 | 37 | PREGMM | Char | 4 | 277 | YEARS SINCE LAST PREGNANCY |
| 53 | 38 | PREGNO | Char | 2 | 281 | IS THE PATIENT PREGNANT NOW |
| 54 | 39 | PREGSPEC | Char | 4 | 283 | LIST OF COMPLICATIONS OF PREGNANCY |
| 55 | 22 | PULMTYPE | Num | 8 | 112 | TYPE OF PULMONARY DISEASE |
| 56 | 20 | PULMYS | Char | 3 | 230 | PULMONARY DISEASE |
| 57 | 21 | PULMY | Num | 8 | 104 | DATE (YR) OF PULMONARY DISEASE |
| 58 | 19 | RESPYS | Char | 3 | 227 | RESPIRATORY DISTRESS SYNDROME AS INFANT |
| 59 | 29 | TRMATYPE | Num | 8 | 144 | TYPE OF TRAUMA ANDOR BONE |
| 60 | 27 | TRMAYS | Char | 3 | 239 | HISTORY OF TRAUMA ANDOR BONE |
| 61 | 28 | TRMAY | Num | 8 | 136 | DATE (YR) OF TRAUMA AND |

Data Set Name: file4.sas7bdat

| Obs | Num | Variable | Type | Len | Pos | Label |
|-----|-----|----------|------|-----|-----|----------------------------------|
| 1 | 6 | FAMCOD1 | Char | 19 | 48 | PPH HISTORY FOR IMMEDIATE FAMILY |
| 2 | 3 | LOADDATE | Num | 8 | 16 | DATE FORM LOADED IN DATABASE |
| 3 | 2 | MDYEVENT | Num | 8 | 8 | FORM EVENT DATE |
| 4 | 1 | NEWID | Num | 8 | 0 | |
| 5 | 4 | PANLONES | Num | 8 | 24 | ONES COUNTER FOR THIS PANEL |
| 6 | 5 | PANLTENS | Num | 8 | 32 | TENS COUNTER FOR THIS PANEL |
| 7 | 7 | PANLTOT | Num | 8 | 40 | SUM OF PANLONES AND PANLTENS |

Data Set Name: file5.sas7bdat

| Obs | Num | Variable | Type | Len | Pos | Label |
|-----|-----|----------|------|-----|-----|------------------------------------|
| 1 | 5 | BLDPRSDI | Num | 8 | 32 | MMHG BLOOD PRESSURE DIASTOLIC |
| 2 | 6 | BLDPRSSY | Num | 8 | 40 | MMHG BLOOD PRESSURE SYSTOLIC |
| 3 | 12 | CAROTIDS | Char | 4 | 116 | CAROTID PULSE ON CARDIAC EXAM |
| 4 | 29 | CLUBMED | Char | 2 | 174 | CLUBBING (EXTREMITIES) |
| 5 | 28 | CYNSYS | Char | 2 | 172 | CYANOSIS (EXTREMITIES) |
| 6 | 8 | EXAMNO | Char | 2 | 96 | CHEST EXAM |
| 7 | 4 | HRTRATE | Num | 8 | 24 | BEATS PER MINUTE HEART RATE |
| 8 | 11 | JUGULAR | Num | 8 | 56 | CM H2O JUGULAR VENOUS PRESS |
| 9 | 10 | LBASABS | Char | 9 | 107 | ABNORMAL BREATH SOUNDS LEFT |
| 10 | 2 | LOADDATE | Num | 8 | 8 | DATE FORM LOADED IN DATABASE |
| 11 | 26 | LPULSEYS | Char | 2 | 166 | PULSATIONS (LIVER) |
| 12 | 14 | LVIDYNA | Char | 5 | 124 | LEFT VENTRIC IMPULSE CHARACTER |
| 13 | 13 | LVILOC7 | Char | 4 | 120 | 1 LEFT VENTRIC IMPULSE LOCATION |
| 14 | 25 | LVRSPAN | Num | 8 | 64 | CM (LIVER SPAN) |
| 15 | 3 | MDYEVENT | Num | 8 | 16 | FORM EVENT DATE |
| 16 | 31 | MITRYS | Num | 8 | 72 | MITRAL REGURGITATION |
| 17 | 1 | NEWID | Num | 8 | 0 | |
| 18 | 16 | PCLOSEYS | Char | 2 | 134 | PULMONIC CLOSURE (YES OR NO) |
| 19 | 32 | PULMONYS | Num | 8 | 80 | PULMONIC INSUFFICIENCY |
| 20 | 9 | RBASABS | Char | 9 | 98 | ABNORMAL BREATH SOUNDS RIGHT |
| 21 | 7 | RESP | Num | 8 | 48 | PER MINUTE RESPIRATORY RATE |
| 22 | 15 | RVDYNA | Char | 5 | 129 | RIGHT VENTRIC IMPULSE CHARACTER |
| 23 | 17 | S1DECR | Char | 3 | 136 | S1 HEART SOUNDS |
| 24 | 18 | S2PARSPL | Char | 7 | 139 | S2 HEART SOUNDS |
| 25 | 19 | S3LEFT | Char | 4 | 146 | S3 HEART SOUNDS |
| 26 | 20 | S4LEFT | Char | 4 | 150 | S4 HEART SOUNDS |
| 27 | 27 | SEVERITY | Char | 4 | 168 | PERIPHERAL EDEMA (EXTREMITIES) |
| 28 | 33 | SHUNTYS | Num | 8 | 88 | RIGHT TO LEFT SHUNTING |
| 29 | 21 | SOUNDSP | Char | 3 | 154 | EXTRA SOUNDS (CLICKS RUBS) |
| 30 | 24 | SYDILSTE | Char | 3 | 163 | DIASTOLIC (APEX BASE LEFT STERNAL) |
| 31 | 22 | SYEJLSTE | Char | 3 | 157 | SYS EJECT (APEX BASE LEFT |
| 32 | 23 | SYRELSTE | Char | 3 | 160 | SYS REGURG (APEX BASE LEFT |
| 33 | 30 | TRICUSYS | Char | 2 | 176 | TRICUSPID REGURGITATION |

Data Set Name: file6.sas7bdat

| Obs | Num | Variable | Type | Len | Pos | Label |
|-----|-----|----------|------|-----|-----|---------------------------------------|
| 1 | 58 | ABG1PH | Num | 8 | 296 | ARTERIAL BLOOD GASES PH |
| 2 | 128 | ABGDATE | Num | 8 | 688 | DATE OF ARTERIAL BLOOD GASES |
| 3 | 126 | ABGGAS | Num | 8 | 672 | ARTERIAL BLOOD GASES PERFORMED |
| 4 | 127 | ABGPH | Num | 8 | 680 | ARTERIAL BLOOD GASES: VALUES |
| 5 | 76 | ALBUMIN | Num | 8 | 432 | G PER 100 ML SERUM |
| 6 | 63 | ALKPHSML | Num | 8 | 336 | ALK PHOS UPPER LIMIT NORMAL |
| 7 | 62 | ALKPHSMU | Num | 8 | 328 | ALKALINE PHOSPHATASE |
| 8 | 69 | ALPH1 | Num | 8 | 376 | G PER 100ML ALPHA11 |
| 9 | 70 | ALPH2 | Num | 8 | 384 | G PER 100ML ALPHA2 |
| 10 | 133 | ANGIDATE | Num | 8 | 728 | DATE OF ANGIOGRAM |
| 11 | 132 | ANGIGRAM | Num | 8 | 720 | ANGIOGRAM |
| 12 | 118 | ANGIOYES | Char | 2 | 877 | PULMONARY ANGIOGRAM PERFORMED |
| 13 | 119 | ANGIYY | Char | 4 | 879 | 1 PULMONARY ANGIOGRAM DATE |
| 14 | 120 | ANGSPEC2 | Num | 8 | 632 | PULM. ANGI: ADVERSE EFFECTS(RECODE) |
| 15 | 106 | AO | Num | 8 | 568 | MM, AO |
| 16 | 9 | APICALYS | Char | 2 | 772 | APICAL REDISTRIBUTION |
| 17 | 38 | BASO | Num | 8 | 160 | % BASOPHILS |
| 18 | 71 | BETA | Num | 8 | 392 | 0 G PER 100ML BETA |
| 19 | 112 | BHUMP | Char | 4 | 863 | ECHOCARIOGRAM PRESENCE OF |
| 20 | 61 | BILIRUB | Num | 8 | 320 | 0 MG% TOTAL BILIRUBIN |
| 21 | 89 | BIOPDATY | Char | 6 | 845 | 4 OPEN LUNG BIOPSY DATE |
| 22 | 88 | BIOPYS | Char | 2 | 843 | OPEN LUNG BIOPSY |
| 23 | 57 | BLPACO2 | Num | 8 | 288 | MM HG ART. BLOOD GASES |
| 24 | 56 | BLPAO2 | Num | 8 | 280 | MM HG ART. BLOOD GASES |
| 25 | 27 | BNDLDK | Char | 3 | 801 | 0 RIGHT BUNDLE BRANCH BLOCK |
| 26 | 59 | BUN | Num | 8 | 304 | - MG% BLOOD UREA NITROGEN |
| 27 | 4 | CARDDAT1 | Num | 8 | 24 | % CARDIOTHORACIC RATIO |
| 28 | 137 | CATHTEST | Char | 7 | 885 | FLAG FOR EDIT OF CATH DATA |
| 29 | 91 | CNTLBPM | Num | 8 | 464 | BPM CONTROL HEART RATE |
| 30 | 60 | CREAT | Num | 8 | 312 | MG% CREATININE |
| 31 | 92 | CTLMMHG1 | Num | 8 | 472 | 0 MMHG CONTROL BLOOD PRESSURE |
| 32 | 93 | CTLMMHG2 | Num | 8 | 480 | MMHG CONTROL BLOOD PRESSURE DIASTOLIC |
| 33 | 122 | CXRDATE | Num | 8 | 648 | DATE OF CHEST XRAY |
| 34 | 121 | CXRYN | Num | 8 | 640 | CHEST XRAY |

| Obs | Num | Variable | Type | Len | Pos | Label |
|-----|-----|----------|------|-----|-----|--------------------------------------|
| 35 | 53 | DLCO | Num | 8 | 264 | ML PER MIN PER HG |
| 36 | 54 | DLCOREBR | Char | 5 | 814 | DLCO TECHNIQUE |
| 37 | 55 | DLCOVA | Num | 8 | 272 | DLCO VA |
| 38 | 116 | ECHOSPEC | Num | 8 | 624 | 2-D STUDY: OTHER FINDINGS |
| 39 | 113 | ECHOTHR | Num | 8 | 616 | ECHOCARDIOGRAM OTHER FINDINGS |
| 40 | 30 | EKGOTHR | Num | 8 | 96 | OTHER EKG ABNORMALITIES |
| 41 | 86 | EMBOLIND | Char | 3 | 838 | PROBABILITY OF PULMONARY EMBOLISM |
| 42 | 37 | EOSIN | Num | 8 | 152 | % EOSINOPHILS |
| 43 | 43 | ESR | Num | 8 | 192 | MM PER HR ESR |
| 44 | 97 | EXMIN | Num | 8 | 512 | MINUTES DURATION OF EXERCISE |
| 45 | 98 | EXSEC | Num | 8 | 520 | SECONDS DURATION OF EXERCISE |
| 46 | 90 | EXSPEC | Char | 3 | 851 | EXERCISE TEST |
| 47 | 99 | EXSTOP8 | Char | 8 | 854 | REASON FOR STOPPING |
| 48 | 52 | FEF2525 | Num | 8 | 256 | LITERS FEF 25-75 |
| 49 | 50 | FEV1 | Num | 8 | 240 | LITERS FORCED EXP. VOL. 1 |
| 50 | 51 | FEV3 | Num | 8 | 248 | LITERS FORCED EXP. VOL. 3 |
| 51 | 72 | FIBRW | Num | 8 | 400 | G PER 100ML FIBRINOGEN |
| 52 | 16 | FINDINGS | Num | 8 | 32 | ADDITIONAL PERTINENT FINDINGS |
| 53 | 46 | FRC | Num | 8 | 216 | LITERS FORCED RESIDUAL CAP. DILUTION |
| 54 | 47 | FRCBODYB | Char | 2 | 812 | LITERS FORCED RESID. CAP. BODY |
| 55 | 45 | FVC | Num | 8 | 208 | LITERS FORCED VITAL CAPACITY |
| 56 | 73 | GAMMA1 | Num | 8 | 408 | G PER 100 ML GAMMA1 |
| 57 | 74 | GAMMA2 | Num | 8 | 416 | G PER 100 ML GAMMA2 |
| 58 | 75 | GLOB | Num | 8 | 424 | G PER 100 ML GLOBULIN |
| 59 | 32 | HEMOCRIT | Num | 8 | 112 | % HEMATOCRIT |
| 60 | 31 | HEMOGLOB | Num | 8 | 104 | GM% HEMOGLOBIN |
| 61 | 6 | HLRVESD | Char | 3 | 763 | 1 HILAR VESSELS |
| 62 | 108 | IVID | Num | 8 | 584 | MM LVIDES |
| 63 | 105 | LA | Num | 8 | 560 | MM, LA |
| 64 | 136 | LABHOLD | Num | 8 | 752 | FLAG FOR EDIT OF LAB DATA |
| 65 | 67 | LDHML | Num | 8 | 368 | LDH UPPER LIMIT NORMAL |
| 66 | 66 | LDHMU | Num | 8 | 360 | LDH |
| 67 | 25 | LEAD | Num | 8 | 88 | LEAD |
| 68 | 82 | LENOTD | Char | 3 | 825 | LE CELLS |
| 69 | 33 | LEUKCNT | Num | 8 | 120 | *10**3 PER MM**3 LEUKOCYTE COUNT |
| 70 | 13 | LINDIFF | Char | 2 | 781 | LINEAR |

| Obs | Num | Variable | Type | Len | Pos | Label |
|-----|-----|----------|------|-----|-----|---|
| 71 | 2 | LOADDATE | Num | 8 | 8 | DATE FORM LOADED IN DATABASE |
| 72 | 104 | LOADNOTD | Num | 8 | 552 | WORKLOAD NOT DONE |
| 73 | 103 | LOADVO2 | Num | 8 | 544 | VO2 WORKLOAD |
| 74 | 102 | LOADWATT | Num | 8 | 536 | WATTS WORKLOAD |
| 75 | 11 | LUNGOPAC | Char | 3 | 776 | LUNG FIELDS |
| 76 | 129 | LUNGSCAN | Num | 8 | 696 | LUNG SCAN |
| 77 | 107 | LVID | Num | 8 | 576 | MM LVIDED |
| 78 | 111 | LVPW | Num | 8 | 608 | MM LVPW THICKNESS |
| 79 | 35 | LYMP | Num | 8 | 136 | % LYMPHOCYTES |
| 80 | 5 | MAINPAD | Char | 3 | 760 | MAIN PA |
| 81 | 94 | MAXBPM | Num | 8 | 488 | BPM MAX. EXERCISE ATTAINED HEART |
| 82 | 24 | MAXHEIGH | Num | 8 | 80 | MM P WAVE MAXIMUM HEIGHT |
| 83 | 95 | MAXMMHG | Num | 8 | 496 | MMHG MAX EXERCISE ATTAINED BP-SYSTOLIC |
| 84 | 96 | MAXMMHG2 | Num | 8 | 504 | MMHG MAX EXERCISE ATTAINED BP-DIASTOLIC |
| 85 | 3 | MDYEVENT | Num | 8 | 16 | FORM EVENT DATE |
| 86 | 135 | METHDATE | Num | 8 | 744 | DATE OF METHODS TO RULE-OUT |
| 87 | 134 | METHODS | Num | 8 | 736 | METHODS TO RULE-OUT L-R SHUNT |
| 88 | 100 | METS | Num | 8 | 528 | TOTAL METS ACHIEVED |
| 89 | 7 | MIDLUNG | Char | 3 | 766 | MID-LUNG VESSELS |
| 90 | 36 | MONO | Num | 8 | 144 | % MONOCYTES |
| 91 | 34 | NEUT | Num | 8 | 128 | % NEUTROPHILS |
| 92 | 1 | NEWID | Num | 8 | 0 | |
| 93 | 12 | NODDIFF | Char | 2 | 779 | NODULAR |
| 94 | 101 | NOTDONE | Char | 1 | 862 | TOTAL METS ACHIEVED: NOT DONE |
| 95 | 85 | PDEFDIF | Char | 5 | 833 | PERFUSION SCAN |
| 96 | 68 | PLASYS | Char | 2 | 819 | PLASMA SAMPLE FROZEN AND STORED |
| 97 | 39 | PLATABNL | Char | 2 | 810 | PLATELETS: NORMAL VS. ABNORMAL |
| 98 | 40 | PLATCNT | Num | 8 | 168 | *10**3 PER MM**3 ABSOLUTE PLAT. |
| 99 | 15 | PLRLEFT | Char | 5 | 785 | PLEURAL EFFUSION |
| 100 | 83 | PREGND | Char | 3 | 828 | PREGNANCY TEST |
| 101 | 19 | PRINT | Num | 8 | 48 | SECONDS P-R INTERVAL EKG |
| 102 | 42 | PROTCNTL | Num | 8 | 184 | SECONDS PROTHROMBIN TIME CONTROL |
| 103 | 41 | PROTHROM | Num | 8 | 176 | SECONDS PROTHROMBIN TIME |
| 104 | 8 | PRPD | Char | 3 | 769 | PERIPHERAL VESSELS |
| 105 | 10 | PRUNYES | Char | 2 | 774 | PRUNING |
| 106 | 130 | PSCAN | Num | 8 | 704 | PERFUSION SCAN |

| Obs | Num | Variable | Type | Len | Pos | Label |
|-----|-----|----------|------|-----|-----|------------------------------------|
| 107 | 20 | QRS | Num | 8 | 56 | SECONDS QRS EKG |
| 108 | 23 | QRSDEG | Num | 8 | 72 | QRS DEGREES |
| 109 | 22 | QRSNEG | Char | 2 | 796 | QRS AXIS DIRECTION |
| 110 | 21 | QT | Num | 8 | 64 | SECONDS Q-T EKG |
| 111 | 125 | RESPDATE | Num | 8 | 664 | DATE OF PULMONARY FUNCTION TESTS |
| 112 | 124 | RESPFEV1 | Char | 2 | 883 | 0 FVC AND OR FEV1 |
| 113 | 123 | RESPTEST | Num | 8 | 656 | PULMONARY FUNCTION TESTS |
| 114 | 81 | RHEUMPAT | Num | 8 | 456 | 4 RHEUMATOID FACTOR |
| 115 | 80 | RHEUMYN | Char | 2 | 823 | RHEUMATOID FACTOR NEG-POS |
| 116 | 115 | RLSHNT3 | Char | 3 | 870 | RIGHT TO LEFT SHUNTING BY CONTRAST |
| 117 | 87 | RLSHUNT | Char | 2 | 841 | RIGHT TO LEFT SHUNTING |
| 118 | 17 | RTHOTHR2 | Char | 6 | 790 | RHYTHM |
| 119 | 26 | RVHDK | Char | 3 | 798 | RIGHT VENTRICULAR HYPERTROPHY |
| 120 | 109 | RVID | Num | 8 | 592 | MM RVID |
| 121 | 28 | RVSDK | Char | 3 | 804 | RIGHT VENTRICULAR STRAIN |
| 122 | 29 | S123DK | Char | 3 | 807 | S1 S2 S3 PATTERN |
| 123 | 131 | SCANDATE | Num | 8 | 712 | DATE OF SCAN |
| 124 | 14 | SEPDIF | Char | 2 | 783 | SEPTAL LINES |
| 125 | 110 | SEPTAL | Num | 8 | 600 | MM SEPTAL THICKNESS |
| 126 | 65 | SGOTML | Num | 8 | 352 | SGOT UPPER LIMIT NORMAL |
| 127 | 64 | SGOTMU | Num | 8 | 344 | SGOT |
| 128 | 117 | SHNTOXI | Char | 4 | 873 | METHOD TO RULE OUT UNDERLYING |
| 129 | 79 | TITRPATT | Num | 8 | 448 | ANTINUCLEAR ANTIBODY TITER PATTERN |
| 130 | 77 | TITRPOS | Char | 2 | 821 | ANTINUCLEAR ANTIBODY TITER |
| 131 | 78 | TITRSIZE | Num | 8 | 440 | ANTINUCLEAR ANTIBODY TITER SIZE |
| 132 | 44 | TLC | Num | 8 | 200 | LITERS TOTAL LUNG CAPACITY |
| 133 | 114 | TRICUSP3 | Char | 3 | 867 | TRICUSPID REGURGITATION |
| 134 | 48 | VE | Num | 8 | 224 | LITERS ? VE |
| 135 | 49 | VEFREQ | Num | 8 | 232 | LITERS ? FREQ |
| 136 | 84 | VENTNORM | Char | 2 | 831 | VENTILATION SCAN |
| 137 | 18 | VENTRATE | Num | 8 | 40 | 0 BEATS PER MIN. VENT. |

Data Set Name: file7.sas7bdat

| Obs | Num | Variable | Type | Len | Pos | Label |
|-----|-----|----------|------|-----|-----|---|
| 1 | 4 | CIRRYES | Num | 8 | 24 | HEPATIC CIRRHOSIS |
| 2 | 9 | CL10OTHB | Char | 5 | 80 | OTHER VASCULITIS AND IMMUNE-REL.DISEASE |
| 3 | 8 | CLGNVASC | Char | 8 | 72 | WHICH ASSOC. COLLAGEN VASC. DISEASES |
| 4 | 7 | COLLAYS | Num | 8 | 48 | ASSOCIATED COLLAGEN VASCULAR DISEASES |
| 5 | 5 | COMPSPEC | Num | 8 | 32 | HEPATIC CIRRHOSIS: COMPLICATIONS |
| 6 | 6 | CRHSBILI | Num | 8 | 40 | TYPE OF CIRRHOSIS |
| 7 | 2 | LOADDATE | Num | 8 | 8 | DATE FORM LOADED IN DATABASE |
| 8 | 3 | MDYEVENT | Num | 8 | 16 | FORM EVENT DATE |
| 9 | 1 | NEWID | Num | 8 | 0 | |
| 10 | 10 | OTHILL1 | Num | 8 | 56 | OTHER ASSOCIATED ILLNESSES |
| 11 | 11 | OTHILL4 | Num | 8 | 64 | OTHER ASSOC. ILLNESSES CONTINUED |

Data Set Name: file8.sas7bdat

| Obs | Num | Variable | Type | Len | Pos | Label |
|-----|-----|----------|------|-----|-----|--|
| 1 | 10 | CHRNDUR1 | Char | 10 | 56 | CHRONIC DRUG THERAPY 1 |
| 2 | 11 | CHRNDUR2 | Char | 10 | 66 | CHRONIC DRUG THERAPY 2 |
| 3 | 12 | CHRNDUR3 | Char | 10 | 76 | CHRONIC DRUG THERAPY 3 |
| 4 | 13 | CHRNDUR4 | Char | 10 | 86 | CHRONIC DRUG THERAPY 4 |
| 5 | 14 | CHRNDUR5 | Char | 10 | 96 | CHRONIC DRUG THERAPY 5 |
| 6 | 15 | CHRNDUR6 | Char | 10 | 106 | CHRONIC DRUG THERAPY 6 |
| 7 | 16 | CHRNDUR7 | Char | 10 | 116 | CHRONIC DRUG THERAPY 7 |
| 8 | 17 | CHRNDUR8 | Char | 10 | 126 | CHRONIC DRUG THERAPY 8 |
| 9 | 18 | CHRNDUR9 | Char | 10 | 136 | CHRONIC DRUG THERAPY 9 |
| 10 | 19 | DR1 | Char | 4 | 146 | FOUR-DIGIT DRUG CODE-DRUGTEST #1 |
| 11 | 20 | DR2 | Char | 4 | 150 | FOUR-DIGIT DRUG CODE-DRUGTEST #2 |
| 12 | 21 | DR3 | Char | 4 | 154 | FOUR-DIGIT DRUG CODE-DRUGTEST #3 |
| 13 | 22 | DR4 | Char | 4 | 158 | FOUR-DIGIT DRUG CODE-DRUGTEST #4 |
| 14 | 23 | DR5 | Char | 4 | 162 | FOUR-DIGIT DRUG CODE-DRUGTEST #5 |
| 15 | 6 | HEMO | Num | 8 | 32 | G% HEMOGLOBIN |
| 16 | 2 | LOADDATE | Num | 8 | 8 | DATE FORM LOADED IN DATABASE |
| 17 | 3 | MDYEVENT | Num | 8 | 16 | FORM EVENT DATE |
| 18 | 1 | NEWID | Num | 8 | 0 | |
| 19 | 7 | O2OTHR8 | Char | 8 | 42 | METHOD OF O2 CONTENT DETERMINATION |
| 20 | 8 | OUTPUT1T | Char | 3 | 50 | 1 METHOD OF CARDIAC OUTPUT DETERMIN. |
| 21 | 9 | OUTPUT2T | Char | 3 | 53 | 2ND METHOD OF CARDIAC OUTPUT DETERMIN. |
| 22 | 5 | PRERECDY | Num | 8 | 24 | DATE DATA RECORDED AT OUTSIDE INST |
| 23 | 4 | PREVYES | Char | 2 | 40 | DATA FROM AN OUTSIDE INSTITUTION |

Data Set Name: file9.sas7bdat

| Obs | Num | Variable | Type | Len | Pos | Label |
|-----|-----|----------|------|-----|-----|--|
| 1 | 7 | ADMHRS | Num | 8 | 48 | TIME DRUG ADMINISTERED HOURS |
| 2 | 8 | ADMMIN | Num | 8 | 56 | TIME DRUG ADMINISTERED MINUTES |
| 3 | 31 | BHPACO2 | Num | 8 | 216 | MMHG SYSTEMIC ARTERIAL CO2 TENSION |
| 4 | 30 | BHPAO2 | Num | 8 | 208 | MMHG SYSTEMIC ARTERIAL OXYGEN TENSION |
| 5 | 11 | CNTRL | Num | 8 | 80 | CONTROL |
| 6 | 42 | COMMENT4 | Char | 4 | 313 | ADDITIONAL COMMENTS ON DRUG TESTING |
| 7 | 6 | DATEY | Num | 8 | 40 | DATE PANEL MEASUREMENTS RECORDED |
| 8 | 37 | DELYES | Char | 2 | 291 | DELETERIOUS EFFECTS FROM CATH |
| 9 | 45 | DRUGA | Char | 2 | 323 | RECODE OF FIRST DRUG ON PANEL |
| 10 | 46 | DRUGB | Char | 2 | 325 | RECODE OF SECOND DRUG ON PANEL |
| 11 | 47 | DRUGC | Char | 2 | 327 | RECODE OF THIRD DRUG ON PANEL |
| 12 | 12 | DRUGFLAG | Char | 2 | 272 | DRUG TEST |
| 13 | 14 | EDURMIN | Num | 8 | 96 | MINUTES: DURATION OF EXERCISE TEST |
| 14 | 15 | EDURSEC | Num | 8 | 104 | SECONDS: DURATION OF EXERCISE TEST |
| 15 | 40 | EFFOTHER | Char | 7 | 303 | OTHER DELETERIOUS EFFECTS OF DRUG TEST |
| 16 | 39 | EFFYES | Char | 2 | 301 | DELETERIOUS EFFECTS OF DRUG TESTING |
| 17 | 16 | ELOAD | Num | 8 | 112 | WORKLOAD |
| 18 | 13 | ETEST | Num | 8 | 88 | EXERCISE TEST |
| 19 | 17 | EUNIT | Char | 5 | 274 | WORKLOAD UNITS |
| 20 | 49 | EXERDUR | Num | 8 | 264 | TOTAL DURATION OF EXERCISE TEST-MIN+ |
| 21 | 19 | HRATE | Num | 8 | 120 | HEART RATE |
| 22 | 2 | LOADDATE | Num | 8 | 8 | DATE FORM LOADED IN DATABASE |
| 23 | 3 | MDYEVENT | Num | 8 | 16 | FORM EVENT DATE |
| 24 | 9 | MEASHRS | Num | 8 | 64 | HOURS TIME OF MEASUREMENT |
| 25 | 10 | MEASMIN | Num | 8 | 72 | MINUTES TIME OF MEASUREMENT |
| 26 | 1 | NEWID | Num | 8 | 0 | |
| 27 | 41 | NOTEDSCH | Char | 3 | 310 | WHEN WERE EFFECTS FIRST NOTED |
| 28 | 38 | OTHSPEC | Char | 8 | 293 | OTHER DELETERIOUS EFFECTS FROM CATH |
| 29 | 34 | PACONT | Num | 8 | 240 | ML PER DL PULMONARY ARTERIAL OXYGEN |
| 30 | 43 | PANLCODE | Char | 2 | 317 | CODING SCHEME FOR PAIRING PANELS |
| 31 | 4 | PANLONES | Num | 8 | 24 | ONES COUNTER FOR THIS PANEL |
| 32 | 5 | PANLTENS | Num | 8 | 32 | TENS COUNTER FOR THIS PANEL |
| 33 | 48 | PANLTOT | Num | 8 | 256 | SUM OF PANLONES + PANLTENS |
| 34 | 44 | PANLUSE | Char | 4 | 319 | CODING TO ID WHICH PANEL TO LINK TO |

| Obs | Num | Variable | Type | Len | Pos | Label |
|-----|-----|----------|------|-----|-----|--|
| 35 | 22 | PPADIA | Num | 8 | 144 | MMHG PULMONARY ARTERY PRESSURE DIASTOL |
| 36 | 23 | PPAMEAN | Num | 8 | 152 | MMHG PULMONARY ARTERY PRESSURE MEAN |
| 37 | 21 | PPASYS | Num | 8 | 136 | MMHG PULMONARY ARTERY PRESSURE SYSTOLIC |
| 38 | 24 | PPCW | Num | 8 | 160 | MMHG PULMONARY CAPILLARY WEDGE PRESSURE |
| 39 | 20 | PRA | Num | 8 | 128 | MMHG RIGHT ATRIAL PRESSURE (MEAN) |
| 40 | 26 | PSYSDIA | Num | 8 | 176 | MMHG SYSTEMIC ARTERIAL PRESSURE DIAS. |
| 41 | 27 | PSYSMEAN | Num | 8 | 184 | MMHG SYSTEMIC ARTERIAL PRESSURE MEAN |
| 42 | 25 | PSYSSYS | Num | 8 | 168 | MMHG SYSTEMIC ARTERIAL PRESSURE SYSTOLIC |
| 43 | 36 | PTIME3 | Char | 9 | 282 | PREMEDICATION GIVEN FOR CATH STUDY |
| 44 | 18 | PURPCNTL | Char | 3 | 279 | PURPOSE OF THIS STUDY |
| 45 | 28 | QS1 | Num | 8 | 192 | 0 LITERS PER MIN. CARDIAC OUTPUT METHOD |
| 46 | 29 | QS2 | Num | 8 | 200 | LITERS PER MIN. CARDIAC OUTPUT METHOD 2 |
| 47 | 33 | SACONT | Num | 8 | 232 | ML PER DL SYSTEMIC ARTERIAL OXYGEN |
| 48 | 32 | SYSARTPH | Num | 8 | 224 | SYSTEMIC ARTERIAL PH |
| 49 | 35 | V02 | Num | 8 | 248 | ML PER MIN OXYGEN CONSUMPTION |