

MHCS-II Analysis Variables

Label	Description
Clinical F-UP status	Subgroup defined by availability of clinical follow-up and HCV viremia/load: visit 1 only, f-up with complete HCV data, f-up with ambiguous data, all subjects
Total duration F-UP	Years of follow-up until last visit
Age at visit 1	MHCS-II
Age at visit 1, grouped	MHCS-II
Enrollment year	MHCS-II
Hemophilia type	...
Severity of hemophilia	...
Inhibitor detected any time pre-visit 1	By the time of visit 1
Inhibitor detected btwn visit 1 & last	Between 1st and last visits
Gender	M,F
Race	White, black, hispanic, or other
Continent	Center in No. America, So. America, Europe
Body mass index visit 1	Kg/M ² , at visit 1
Body mass index, grouped visit 1	Kg/M ² , at visit 1 grouped
Body mass index last visit	Kg/M ² , at last visit
HIV infected (yes/no)	Infected by HIV before visit 1
Vital status	Through last visit (dead, alive)
Primary cause of death	Primary cause of death, grouped
# Acetaminophen /wk, 3 months pre-visit1	Visit 1 questionnaire
# Acetaminophen /wk, 3-12 mon pre-visit1	Visit 1 questionnaire (Haemophilia 2005;11:516-28)
# NSAID pills/wk, 3 months pre-visit 1	Visit 1 questionnaire
# NSAID pills/wk, 3-12 mon pre-visit 1	Visit 1 questionnaire (Haemophilia 2005;11:516-28)
# Alcohol drinks/wk, yr before known HCV	Visit 1 questionnaire (Haemophilia 2005;11:516-28; Blood 2006;107:892-7)
HIV seroconversion age	Age at HIV seroconversion (J Acquir Immune Defic Syndr 1994;7:279-86)
HIV seroconversion age, grouped	Age at HIV seroconversion, grouped
HIV seroconversion year	Imputed from history of plasma use (J Acquir Immune Defic Syndr 1994;7:279-86)
AIDS diagnosed pre-visit 1	Any AIDS defining condition before visit 1
AIDS during F-UP	Incident during F-UP irrespective of presence at visit 1
Year AIDS diagnosed visit 1	Year at first AIDS defining condition before visit 1
Age 1st diagnosed w/ AIDS	Age at first AIDS defining condition before visit 1
Age 1st diagnosed w/ AIDS, grouped	Age at first AIDS defining condition before visit 1, grouped
HIV viral load, visit 1	Plasma HIV viral load by real-time PCR (Haemophilia 2005;11:516-28)
HIV viral load visit 2 or 3	Plasma HIV viral load by real-time PCR (Haemophilia 2005;11:516-28) at later of visit 2 or 3
PCP pre-visit 1	Pneumocystis carinii pneumonia before visit 1
PCP during F-UP	Pneumocystis carinii pneumonia during F-UP irrespective of presence at visit 1
Mycobacterium avium pre-visit 1	Mycobacterium avium before visit 1
Mycobacterium avium during F-UP	Mycobacterium avium during F-UP irrespective of presence at visit 1
Systemic AIDS lymphoma pre-visit 1	Systemic AIDS lymphoma before visit 1
Primary lymphoma of brain pre-visit 1	Primary lymphoma of brain before visit 1
Primary lymphoma of brain during F-UP	Primary lymphoma of brain during F-UP irrespective of presence at visit 1
Systemic AIDS lymphoma during F-UP	Systemic AIDS lymphoma during F-UP irrespective of presence at visit 1
PML pre-visit 1	Progressive multifocal leukoencephalopathy before visit 1
PML during F-UP	Progressive multifocal leukoencephalopathy during F-UP irrespective of presence at visit 1
Low CD4 count (or %) pre-visit 1	CD4<200 cells/uL or 14% before visit 1
Low CD4 count (or %) during F-UP	CD4<200 cells/uL or 14% during F-UP irrespective of presence at visit 1
CCR5-DELTA32	CC-chemokine receptor gene wildtype or d32 heterozygosity
HIV treatment, visit 1	HAART, other, or no anti-retroviral therapy in month before visit 1
HIV treatment, visit 2	HAART, other, or no anti-retroviral therapy in month before visit 2
CD4 cells/uL visit 1	At visit 1
CD4 cells/uL visit 1, grouped	At visit 1 grouped
% CD4 visit 1	At visit 1
% CD4 visit 1, grouped	At visit 1 grouped
CD4 cells/uL last/first visit	Proportional change: last/first visit

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Label	Description
% CD4 last/first visit	Proportional change: last/first visit
HBV infection /vaccin. status visit 1	From serology and vaccination history in clinic records
HBV vaccinated pre-visit 1	History of HBV vaccination before visit 1 from clinic records
HCV any IFN pre-visit 1	Standard or pegylated interferon with/without ribavirin, during or at any time before visit 1
HCV any IFN after visit 1	Standard or pegylated interferon with/without ribavirin, at any time after visit 1
HCV anti-viral meds pre-visit 1	Standard or pegylated interferon with/without ribavirin, during or at any time before visit 1, specific treatment
HCV anti-viral meds after visit 1	Standard or pegylated interferon with/without ribavirin, at any time after visit 1, specific treatment
HCV clearance or persistence	By real-time and qualitative commercial PCR (Blood 2006;107:892-7)
HCV genotype	From various laboratories, latest recorded, most by line-probe assay
HCV infection age	Imputed from history of plasma use (Blood 2006;107:892-7)
HCV infection age, grouped	Imputed from history of plasma use (Blood 2006;107:892-7), grouped
HCV viral load visit 1	Plasma HCV viral load, if detectable, by real-time PCR (Haemophilia 2005;11:516-28; Blood 2006;107:892-7)
HCV viral load visit 1, grouped	Plasma HCV viral load, if detectable, by real-time PCR (Haemophilia 2005;11:516-28; Blood 2006;107:892-7), grouped
HCV viral load visit 2 or 3	Plasma HCV viral load, if detectable, by real-time PCR (Haemophilia 2005;11:516-28; Blood 2006;107:892-7) at later of visit 2 or 3
Viral load time	Years of follow-up from visit 1 to later of visit 2 or 3 for viral load
HCV infection year	Year of HCV infection (Blood 2006;107:892-7)
HCV infection year, grouped	Year of HCV infection (Blood 2006;107:892-7), grouped
Pre-1990 hemophilia group	Only plasma/cryo; plasma/cryo before NHT; NHT only or before plasma/cryo (Blood 2006;107:892-7)
Jaundice for > 1 month visit 1	Visit 1 physical exam
Jaundice for > 1 month during F-UP	Incident during F-UP irrespective of presence at visit 1
Ascites visit 1	Visit 1 physical exam
Ascites F-UP	Incident during F-UP irrespective of presence at visit 1
Ascites, enceph or blding varices visit 1	Visit 1 physical exam
Ascites, enceph or bleeding varices F-UP	Incident during F-UP irrespective of presence at visit 1
Esophageal varices visit 1	Visit 1 physical exam
Esophageal varices F-UP	Incident during F-UP irrespective of presence at visit 1
Bleeding esophageal varices visit 1	Visit 1 physical exam
Bleeding esophageal varices F-UP	Incident during F-UP irrespective of presence at visit 1
Hepatic encephalopathy visit 1	Visit 1 physical exam
Hepatic encephalopathy F-UP	Incident during F-UP irrespective of presence at visit 1
Hepatomegaly visit 1	>3cm below costal margin or >14 cm span by percussion on physical exam
Hepatomegaly F-UP	Incident during F-UP irrespective of presence at visit 1
Splenomegaly visit 1	Includes post-splenectomy and palpable spleen on physical exam
Splenomegaly F-UP	Incident during F-UP irrespective of presence at visit 1
Albumin visit 1	At visit 1 – g/dL
Albumin visit 1, grouped	At visit 1 grouped (Haemophilia 2005;11:516-28)
Albumin last/first visit	Proportional change: last/first visit
Total bilirubin mg/dL visit 1, grouped	At visit 1 grouped (Haemophilia 2005;11:516-28)
Total bilirubin mg/dL visit 1	At visit 1 – mg/dL
Total bilirubin mg/dL last/first visit	Proportional change: last/first visit
AST u/L visit 1	At visit 1
AST u/L visit 1, grouped	At visit 1 grouped (Haemophilia 2005;11:516-28)
AST u/L last/first visit	Proportional change: last/first visit
ALT u/L visit 1	At visit 1
ALT u/L visit 1, grouped	At visit 1 grouped (Haemophilia 2005;11:516-28)
ALT u/L last/first visit	Proportional change: last/first visit
Ratio AST / ALT visit 1	At visit 1
Ratio AST / ALT visit 1, grouped	At visit 1 grouped (Haemophilia 2005;11:516-28)
Ratio AST / ALT last/first visit	Proportional change: last/first visit
Anemia visit 1	At visit 1, defined as none (Hgb>=13 and Hct >=39), mild (Hgb 10-12.99 or Hct 30-38.9), severe (Hgb<10 or Hct<30)
Hematocrit last/first visit	Proportional change: last/first visit

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Label	Description
Platelet count/ uL visit 1	At visit 1
Platelet count/ uL visit 1, grouped	At visit 1 grouped (Haemophilia 2005;11:516-28)
Platelet count/ uL last/first visit	Proportional change: last/first visit
Lymphocytes count/ uL visit 1	At visit 1
Lymphocytes count/ uL visit 1, grouped	At visit 1 grouped (Haemophilia 2005;11:516-28)
Lymphocytes count/ uL last/first visit	Proportional change: last/first visit
Neutrophils count/ uL visit 1	At visit 1
Neutrophils count/ uL visit 1, grouped	At visit 1 grouped (Haemophilia 2005;11:516-28)
Neutrophils count/ uL last/first visit	Proportional change: last/first visit
Urine, blood	At visit 1, dipstix category
Urine, blood F-UP	At last non-missing visit, dipstix category
Urine, nitrite	At visit 1, dipstix category
Urine, nitrite F-UP	At last non-missing visit, dipstix category
Urine, protein	At visit 1, dipstix category
Urine, protein F-UP	At last non-missing visit, dipstix category
Urine, ascorbic acid	At visit 1, dipstix category
Urine, ascorbic acid F-UP	At last non-missing visit, dipstix category
Urine, glucose	At visit 1, dipstix category
Urine, glucose F-UP	At last non-missing visit, dipstix category
Urine, pH	At visit 1, dipstix category
Urine, pH F-UP	At last non-missing visit, dipstix category
# Lymphocyte samples MHCS-II	Total draws with PBMC, 1st to last visit
Avg lympho sample volume MHCS-II	Mean PBMC 10 ⁶ per draw, 1st to last visit
# Serum/plasma samples MHCS-II	Total draws with serum or plasma 1st to last visit
Avg serum/plas sample volume MHCS-II	Mean total serum or plasma mL per draw, 1st to last visit
# Lymphocyte samples MHCS-I	Total draws with PBMC, pre-visit 1
Avg lympho sample volume MHCS-I	Mean PBMC 10 ⁶ per draw, pre-visit 1
# Serum/plasma samples MHCS-I	Total draws with serum or plasma pre-visit 1
Avg serum/plas sample volume MHCS-I	Mean total serum or plasma mL per draw, pre-visit 1