Data Set Name: ad.sas7bdat

Num	Variable	Type	Len	Label
1	id	Char	4	CyNCh Limited Use Dataset ID number
2	visit	Char	4	5 Visit ID code
3	form	Char	4	6 Form/revision
4	study	Char	1	7 Study
5	ad108	Char	1	8 How was questionnaire completed
6	ad109a	Char	1	9a Patient responded
7	ad109b	Char	1	9b Patient's mother/female guardian responded
8	ad109c	Char	1	9c Patient's father/male guardian responded
9	ad109d	Char	1	9d Other respondent
10	ad112	Char	1	12 How often have drink with alcohol
11	ad113	Char	1	13 How many drinks on typical drinking day
12	ad114	Char	1	14 How often have 6+ drinks on one occasion
13	ad115	Char	1	15 How often not able to stop drinking/past year
14	ad116	Char	1	16 How often failed to do expected in last year
15	ad117	Char	1	17 How often need drink in AM after heavy drinking
16	ad118	Char	1	18 How often felt guilt/remorse after drinking
17	ad119	Char	1	19 How often can't remember what happened night before
18	ad120	Char	1	20 Anyone injured as result of your drinking
19	ad121	Char	1	21 Anyone concerned about your drinking
20	formdate	Num	8	4 Form date (days since randomization)

Data Set Name: bh.sas7bdat

Num	Variable	Type	Len	Label
1	id	Char	4	CyNCh Limited Use Dataset ID number
2	visit	Char	4	5 Visit ID code
3	form	Char	4	6 Form/revision
4	study	Char	1	7 Study
5	bh108	Char	1	8 Liver biopsy done
6	bh111	Char	1	11 Will patient have biopsy during screening
7	bh112	Char	1	12 Is patient female
8	bh113a	Char	1	13a Has menarche occurred
9	bh113b	Char	2	13b Age at menarche
10	bh114	Char	1	14 Characterize menstrual history
11	bh115	Char	1	15 Childbearing potential
12	bh116	Char	1	16 Patient currently pregnant
13	bh117	Char	1	17 Patient currently breastfeeding
14	bh118	Char	1	18 Willing to use two birth control methods
15	bh119a	Char	1	19a Diabetes type 1
16	bh119b	Char	1	19b Diabetes type 2
17	bh119c	Char	1	19c Hepatitis B
18	bh119d	Char	1	19d Hepatitis C
19	bh119e	Char	1	19e Autoimmune hepatitis
20	bh119f	Char	1	19f Autoimmune cholestatic liver disorder
21	bh119g	Char	1	19g Wilson's disease
22	bh119h	Char	1	19h Alpha-1-antitrypsin (A1AT) deficiency
23	bh119i	Char	1	19i Iron overload
24	bh119j	Char	1	19j Drug induced liver disease
25	bh119k	Char	1	19k Ascites
26	bh119l	Char	1	19l Gilbert's syndrome
27	bh119m	Char	1	19m Esophageal or gastric varices on endoscopy
28	bh119n	Char	1	19n Bleeding from varices
29	bh119o	Char	1	19o Other gastrointestinal bleeding
30	bh119p	Char	1	19p Biliary diversion
31	bh119q	Char	1	19q Metabolic acidosis
32	bh119r	Char	1	19r Edema
33	bh119s	Char	1	19s Hepatic encephalopathy
34	bh119t	Char	1	19t Any other evidence of chronic liver disease
35	bh119u	Char	1	19u Active inflammatory bowel disease
36	bh119v	Char	1	19v Short bowel syndrome

Num	Variable	Type	Len	Label
37	bh119w	Char	1	19w Small intestine resection
38	bh119x	Char	1	19x Renal dysfunction w/CrCl LT 90mL/min/m2
39	bh119y	Char	1	19y Hemophilia
40	bh119z	Char	1	19z Systemic autoimmune disorder
41	bh119aa	Char	1	19aa Endocrine disease
42	bh119ab	Char	1	19ab Asthma
43	bh119ac	Char	1	19ac Hepatocellular carcinoma
44	bh119ad	Char	1	19ad Other malignancy
45	bh119ae	Char	1	19ae Active malignant disease w/chemo or radiation
46	bh119af	Char	1	19af HIV positive
47	bh119ag	Char	1	19ag Peripheral neuropathy
48	bh119ah	Char	1	19ah Active seizure disorder or epilepsy
49	bh119ai	Char	1	19ai Drug allergies
50	bh119aj	Char	1	19aj Hypothyroidism
51	bh119ak	Char	1	19ak Hypertension
52	bh119al	Char	1	19al Cerebrovascular disease
53	bh119am	Char	1	19am Hyperlipidemia
54	bh119an	Char	1	19an Pancreatitis
55	bh119ao	Char	1	19ao Cholelithiasis
56	bh119ap	Char	1	19ap Coronary artery disease
57	bh119aq	Char	1	19aq Congestive heart failure
58	bh119ar	Char	1	19ar Myocardial infarction
59	bh119as	Char	1	19as Unstable arrhythmias
60	bh119at	Char	1	19at Elevated uric acid
61	bh119au	Char	1	19au Kidney disease
62	bh119av	Char	1	19av Polycystic ovary syndrome
63	bh119aw	Char	1	19aw Sleep apnea
64	bh119ax	Char	1	19ax Dermatologic disorders
65	bh119ay	Char	1	19ay Myopathy
66	bh119az	Char	1	19az Myositis
67	bh119ba	Char	1	19ba Major depression
68	bh119bb	Char	1	19bb Schizophrenia
69	bh119bc	Char	1	19bc Bipolar disorder
70	bh119bd	Char	1	19bd Obsessive compulsive disorder
71	bh119be	Char	1	19be Severe anxiety or personality disorder
72	bh119bf	Char	1	19bf Substance abuse
73	bh119bg	Char	1	19bg None of the above
74	bh120a	Char	1	20a Stapling of the stomach
75	bh120b	Char	1	20b Jejunoileal bypass

Num	Variable	Type	Len	Label
76	bh120c	Char	1	20c Biliopancreatic diversion
77	bh120d	Char	1	20d Other bariatric surgery
78	bh120e	Char	1	20e None of the above
79	bh121	Char	1	21 Undergoing evaluation for bariatric surgery
80	bh122	Char	1	22 Received TPN in past year
81	bh123a	Char	1	23a Liver transplant ever
82	bh123b	Char	1	23b Organ/limb/bone marrow transplant ever
83	bh124a	Char	1	24a Amiodarone
84	bh124b	Char	1	24b Demeclocycline
85	bh124c	Char	1	24c Divalproex
86	bh124d	Char	1	24d Doxycycline
87	bh124e	Char	1	24e Isonicotinylhydrazine
88	bh124f	Char	1	24f Isotretinoin
89	bh124g	Char	1	24g Methotrexate
90	bh124h	Char	1	24h Minocycline
91	bh124i	Char	1	24i Oxytetracycline
92	bh124j	Char	1	24j Tetracycline
93	bh124k	Char	1	24k Valproate sodium
94	bh124l	Char	1	24l Valproic acid
95	bh124m	Char	1	24m Other
96	bh124n	Char	1	24n None of the above
97	bh125	Char	1	25 Any items in 24a-m checked
98	bh126a	Char	1	26a Betamethasone sodium
99	bh126b	Char	1	26b Cortisol
100	bh126c	Char	1	26c Cortisone
101	bh126d	Char	1	26d Dexamethasone
102	bh126e	Char	1	26e Hydrocortisone
103	bh126f	Char	1	26f Methylprednisolone
104	bh126g	Char	1	26g Prednisolone
105	bh126h	Char	1	26h Prednisone
106	bh126i	Char	1	26i Triamcinolone
107	bh126j	Char	1	26j Other systemic corticosteroids
108	bh126js	Char	35	26j Specify other systemic corticosteroids
109	bh126k	Char	1	26k Other systemic corticosteroids
110	bh126l	Char	1	26l None of the above
111	bh127	Char	1	27 Any items in 26a-k checked
112	bh128a	Char	1	28a Boldenone undecylenate
113	bh128b	Char	1	28b Fluoxymesterone
114	bh128c	Char	1	28c Methandrostenolone

Num	Variable	Type	Len	Label
115	bh128d	Char	1	28d Methyltestosterone
116	bh128e	Char	1	28e Nandrolone
117	bh128f	Char	1	28f Oxandrolone
118	bh128g	Char	1	28g Oxymetholone
119	bh128h	Char	1	28h Stanzolol
120	bh128i	Char	1	28i Tamoxifen
121	bh128j	Char	1	28j Testosterone
122	bh128k	Char	1	28k Other anabolic steroids
123	bh128l	Char	1	28l Other anabolic steroids
124	bh128m	Char	1	28m None of the above
125	bh129	Char	1	29 Any items in 28a-l checked
126	bh130	Char	1	30 Known intolerance to cysteamine bitartrate
127	bh131	Char	1	31 Any antidiabetic meds
128	bh131a	Char	1	31a Acarbose
129	bh131b	Char	1	31b Acetohexamide
130	bh131c	Char	1	31c Chlorpropamide
131	bh131d	Char	1	31d Exenatide
132	bh131e	Char	1	31e Glimepiride
133	bh131f	Char	1	31f Glipizide
134	bh131g	Char	1	31g Glyburide
135	bh131h	Char	1	31h Insulin
136	bh131i	Char	1	31i Metformin
137	bh131j	Char	1	31j Miglitol
138	bh131k	Char	1	31k Nateglinide
139	bh131l	Char	1	31l Pioglitazone
140	bh131m	Char	1	31m Repaglinide
141	bh131n	Char	1	31n Rosiglitazone
142	bh131o	Char	1	31o Tolazamide
143	bh131p	Char	1	31p Tolbutamide
144	bh131q	Char	1	31q Other antidiabetic drug
145	bh131qs	Char	35	31q Specify other antidiabetic drug
146	bh132	Char	1	32 Any of following drugs/supplements
147	bh132a	Char	1	32a Betaine
148	bh132b	Char	1	32b Choline + methionine...+ pyridoxine
149	bh132c	Char	1	32c Ursodeoxycholic acid
150	bh132d	Char	1	32d S-adenylmethionine
151	bh132e	Char	1	32e Milk thistle
152	bh132f	Char	1	32f Probiotics
153	bh132g	Char	1	32g Gemfibrozil

Num	Variable	Type	Len	Label
154	bh132h	Char	1	32h Vitamin E
155	bh132i	Char	1	32i Other antiNAFLD drugs
156	bh133	Char	1	33 Any items in 32a-i start after liver bx
157	bh134	Char	1	34 Any vitamins in past 6 months
158	bh134a	Char	1	34a Vitamin A
159	bh134b	Char	1	34b Vitamin B
160	bh134c	Char	1	34c Vitamin C
161	bh134d	Char	1	34d Vitamin D
162	bh134e	Char	1	34e Vitamin E
163	bh134f	Char	1	34f Multivitamin
164	bh134g	Char	1	34g Other vitamins
165	bh134gs	Char	35	34g Specify other vitamins
166	bh135	Char	1	35 Any lipid-lowering meds in past 6 months
167	bh135a	Char	1	35a Atorvastatin
168	bh135b	Char	1	35b Colestipol hydrochloride
169	bh135c	Char	1	35c Clofibrate
170	bh135d	Char	1	35d Fenofibrate
171	bh135e	Char	1	35e Fluvastatine sodium
172	bh135f	Char	1	35f Lovastatin
173	bh135g	Char	1	35g Nicotinic acid
174	bh135h	Char	1	35h Pravastatin sodium
175	bh135i	Char	1	35i Rosuvastatin
176	bh135j	Char	1	35j Simvastatin
177	bh135k	Char	1	35k Other
178	bh136	Char	1	36 Any antiobesity meds
179	bh136a	Char	1	36a Dexfenfluramine hydrochloride
180	bh136b	Char	1	36b Fenfluramine hydrochloride
181	bh136c	Char	1	36c Methamphetamine hydrochloride
182	bh136d	Char	1	36d Orlistat
183	bh136e	Char	1	36e Orlistat - over the counter
184	bh136f	Char	1	36f Phendimetrazine tartrate
185	bh136g	Char	1	36g Phentermine hydrochloride
186	bh136h	Char	1	36h Other antiobesity drug
187	bh136i	Char	1	36i Other antiobesity drug
188	bh137	Char	1	37 Any pain-relieving meds in past 6 months
189	bh137a	Char	1	37a Acetaminophen
190	bh137b	Char	1	37b Aspirin - 325 mg
191	bh137c	Char	1	37c Ibuprofen
192	bh137d	Char	1	37d Naproxen

Num	Variable	Type	Len	Label
193	bh137e	Char	1	37e Other NSAID or aspirin drug
194	bh137es	Char	35	37e Specify other NSAID or aspirin drug
195	bh137f	Char	1	37f Other NSAID or aspirin drug
196	bh137fs	Char	35	37f Specify other NSAID or aspirin drug
197	bh138	Char	1	38 Any histamine H2 receptor antagonists
198	bh138a	Char	1	38a Cimetidine
199	bh138b	Char	1	38b Esomeprazole magnesium
200	bh138c	Char	1	38c Famotidine
201	bh138d	Char	1	38d Lansoprazole
202	bh138e	Char	1	38e Nizatidine
203	bh138f	Char	1	38f Omeprazole
204	bh138g	Char	1	38g Ranitidine
205	bh138h	Char	1	38h Ranitidine bismuth citrate
206	bh138i	Char	1	38i Antacids
207	bh138is	Char	35	38i Specify antacids
208	bh138j	Char	1	38j Other
209	bh138js	Char	35	38j Specify other
210	bh138k	Char	1	38k Other
211	bh138ks	Char	35	38k Specify other
212	bh139	Char	1	39 Any cardiovascular drugs in past 6 months
213	bh139a	Char	1	39a Amlodipine besylate
214	bh139b	Char	1	39b Aspirin - 81 mg
215	bh139c	Char	1	39c Atenolol
216	bh139d	Char	1	39d Benazepril
217	bh139e	Char	1	39e Captopril
218	bh139f	Char	1	39f Clonidine
219	bh139g	Char	1	39g Digoxin
220	bh139h	Char	1	39h Diltiazem
221	bh139i	Char	1	39i Doxazosin
222	bh139j	Char	1	39j Enalapril
223	bh139k	Char	1	39k Felodipine
224	bh139l	Char	1	39l Furosemide
225	bh139m	Char	1	39m Hydrochlorothiazide
226	bh139n	Char	1	39n Hydrochlorothiazide + triamterene
227	bh139o	Char	1	39o Lisinopril
228	bh139p	Char	1	39p Losartan potassium
229	bh139q	Char	1	39q Losartan potassium + hydrochlorothiazide
230	bh139r	Char	1	39r Metoprolol
231	bh139s	Char	1	39s Nifedipine

Num	Variable	Type	Len	Label
232	bh139t	Char	1	39t Perhexiline maleate
233	bh139u	Char	1	39u Propranolol
234	bh139v	Char	1	39v Quinapril
235	bh139w	Char	1	39w Terazosin
236	bh139x	Char	1	39x Timolol maleate
237	bh139y	Char	1	39y Valsartan
238	bh139z	Char	1	39z Verapamil
239	bh139aa	Char	1	39aa Other cardiovascular/antihypertensive
240	bh139aas	Char	35	39aa Specify other cardiovascular/antihypertensive
241	bh139ab	Char	1	39ab Other cardiovascular/antihypertensive
242	bh140	Char	1	40 Any allergy or asthma meds in past 6 months
243	bh140a	Char	1	40a Albuterol
244	bh140b	Char	1	40b Beclomethasone dipropionate
245	bh140c	Char	1	40c Budesonide
246	bh140d	Char	1	40d Fluticasone propionate
247	bh140e	Char	1	40e Loratadine
248	bh140f	Char	1	40f Mometasone furoate
249	bh140g	Char	1	40g Triamcinolone acetonide
250	bh140h	Char	1	40h Other asthma medications
251	bh140hs	Char	35	40h Specify other asthma medications
252	bh140i	Char	1	40i Other asthma medications
253	bh140is	Char	35	40i Specify other asthma medications
254	bh141	Char	1	41 Any antipsychotic or antidepressants in past 6 mos
255	bh141a	Char	1	41a Aripipazole (Abilify)
256	bh141b	Char	1	41b Buporpion (Wellburtrin)
257	bh141c	Char	1	41c Clomipramine (Anafranil)
258	bh141d	Char	1	41d Excitalopram (Lexapro)
259	bh141e	Char	1	41e Fluoxetine (Prozac)
260	bh141f	Char	1	41f Fluvoxamine (Luvox)
261	bh141g	Char	1	41g Lithium
262	bh141h	Char	1	41h Quetiapine
263	bh141i	Char	1	41i Risperidone
264	bh141j	Char	1	41j Sertraline (Zoloft)
265	bh141k	Char	1	41k Other
266	bh141ks	Char	35	41k Specify other
267	bh142	Char	1	42 Any supplements in past 6 months
268	bh142a	Char	1	42a Alpha-lipoic acid
269	bh142b	Char	1	42b Beta-carotene
270	bh142c	Char	1	42c Calcium

Num	Variable	Type	Len	Label
271	bh142d	Char	1	42d Carnitine
272	bh142e	Char	1	42e Chondroitin
273	bh142f	Char	1	42f Cod liver oil
274	bh142g	Char	1	42g Coenzyme Q
275	bh142h	Char	1	42h Dichloroacetate
276	bh142i	Char	1	42i Echinacea
277	bh142j	Char	1	42j Fish oil
278	bh142k	Char	1	42k Flax seed oil
279	bh142l	Char	1	42l Garlic
280	bh142m	Char	1	42m Ginkgo biloba
281	bh142n	Char	1	42n Glucosamine
282	bh142o	Char	1	42o Lecithin
283	bh142p	Char	1	42p Magnesium
284	bh142q	Char	1	42q N-acetyl-cysteine
285	bh142r	Char	1	42r Potassium
286	bh142s	Char	1	42s Saw palmetto
287	bh142t	Char	1	42t Selenium
288	bh142u	Char	1	42u St John's Wort
289	bh142v	Char	1	42v Taurine
290	bh142w	Char	1	42w Zinc picolinate
291	bh142x	Char	1	42x Other supplements
292	bh142xs	Char	35	42x Specify other supplements
293	bh142y	Char	1	42y Other supplements
294	bh142ys	Char	35	42y Specify other supplements
295	bh143	Char	1	43 Any of the following meds in past 6 mos
296	bh143a	Char	1	43a Isotretinoin
297	bh143b	Char	1	43b Levonorgestrel
298	bh143c	Char	1	43c Levothyroxine
299	bh143d	Char	1	43d Liothyronine
300	bh143e	Char	1	43e Oral contraceptives
301	bh143f	Char	1	43f Penicillamine
302	bh143g	Char	1	43g Trientine hydrochloride
303	bh143h	Char	1	43h Other
304	bh143hs	Char	35	43h Specify other
305	bh143i	Char	1	43i Other
306	bh143is	Char	35	43i Specify other
307	bh143j	Char	1	43j Other
308	bh143js	Char	35	43j Specify other
309	bh143k	Char	1	43k Other

Num	Variable	Type	Len	Label
310	bh143ks	Char	35	43k Specify other
311	bh143l	Char	1	43l Other
312	bh143ls	Char	35	43l Specify other
313	formdate	Num	8	4 Form date (days since randomization)
314	bh109	Num	8	9 Date of liver biopsy (days since randomization)
315	bh110	Num	8	10 Last date to randomize (120 days after biopsy) (days since randomization)

Data Set Name: cg.sas7bdat

Num	Variable	Type	Len	Label
1	id	Char	4	CyNCh Limited Use Dataset ID number
2	form	Char	4	6 Form/revision
3	study	Char	1	7 Study
4	curr_consent	Char	1	Consent to current genetic NAFLD research, 1=yes, 2=no
5	fut_consent	Char	1	Consent to future genetic NAFLD research, 1=yes, 2=no
6	fut_non_nafld_cons	Char	1	Consent to future genetic non-NAFLD research, 1=yes, 2=no
7	consent	Char	1	Consented to collection of blood for DNA banking, 1=yes, 2=no

Data Set Name: cr.sas7bdat

Num	Variable	Type	Len	Label
1	id	Char	4	CyNCh Limited Use Dataset ID number
2	visit	Char	4	5　Visit ID code
3	form	Char	4	6　Form/revision
4	study	Char	1	7　Study
5	cr210	Char	2	10 Biopsy length
6	cr211	Char	1	11 Tissue adequate
7	cr213a	Char	1	13a Steatosis grade
8	cr213b	Char	1	13b Steatosis location
9	cr213c	Char	1	13c Type of macrovesicular steatosis
10	cr213d	Char	1	13d Microvesicular steatosis, contiguous
11	cr214a	Char	1	14a Amount of lobular inflammation
12	cr214b	Char	1	14b Microgranulomas seen
13	cr214c	Char	1	14c Large lipogranulomas seen
14	cr214d	Char	1	14d Amount of portal, chronic inflammation
15	cr215a	Char	1	15a Ballooning
16	cr215b	Char	1	15b Severe ballooning present
17	cr215c	Char	1	15c Classical balloon cells present
18	cr215d	Char	1	15d Acidophil bodies
19	cr215e	Char	1	15e Pigmented macrophages
20	cr215f	Char	1	15f Megamitochondria
21	cr216	Char	1	16 Mallory bodies
22	cr217	Char	1	17 Glycogen nuclei
23	cr218	Char	1	18 Glycogenosis
24	cr219a	Char	2	19a Fibrosis stage
25	cr219b	Char	1	19b Perisinusoidal fibrosis stage
26	cr219c	Char	1	19c Predominant location of fibrosis
27	cr220a	Char	1	20a Hepatocellular iron grade
28	cr220b	Char	1	20b Hepatocellular iron distribution
29	cr220c	Char	1	20c Nonhepatocellular iron grade
30	cr220d	Char	1	20d Nonhepatocellular iron distribution
31	cr221	Char	2	21 Is this steatohepatitis
32	cr222	Char	1	22 Is cirrhosis present
33	cr223	Char	1	23 Is this cryptogenic cirrhosis
34	cr224a	Char	1	24a Mallory-Denk bodies (r/o cholate stasis)
35	cr224b	Char	1	24b Perisinusoidal fibrosis away from septa
36	cr224c	Char	1	24c Hepatocyte balloning

Num	Variable	Type	Len	Label
37	cr224d	Char	1	24d Megamitochondria
38	cr224e	Char	1	24e Other
39	formdate	Num	8	4 Form date (days since randomization)
40	cr208	Num	8	8 Date of biopsy (days since randomization)

Data Set Name: dd.sas7bdat

Num	Variable	Type	Len	Label
1	id	Char	4	CyNCh Limited Use Dataset ID number
2	visit	Char	4	5 Visit ID code
3	form	Char	4	6 Form/revision
4	study	Char	1	7 Study
5	dd108	Char	1	8 Weight group
6	dd109	Char	1	9 Current dose is randomization dose
7	dd110	Char	2	10 Capsules/day since last visit
8	dd111	Char	1	11 How patient is taking CyNCh study drug
9	dd112	Char	1	12 Dose tolerated by patient
10	dd113a	Char	1	13a Number of capsules to take in morning
11	dd113b	Char	1	13b Number of capsules to take in evening
12	dd114	Char	2	14 Number of bottles needed
13	formdate	Num	8	4 Form date (days since randomization)

Data Set Name: fh.sas7bdat

Num	Variable	Type	Len	Label
1	id	Char	4	CyNCh Limited Use Dataset ID number
2	visit	Char	4	5 Visit ID code
3	form	Char	4	6 Form/revision
4	study	Char	1	7 Study
5	fh109	Char	3	9 Visit code of last FH
6	fh110	Char	1	10 Patient had biopsy since last visit
7	fh111	Char	1	11 Is patient female
8	fh112	Char	1	12 Has menarche occurred
9	fh113	Char	1	13 Is patient using two birth control methods
10	fh114	Char	1	14 How often patient drank alcohol since last visit
11	fh115	Char	1	15 Number of drinks on typical day since last visit
12	fh116	Char	1	16 How often 6+ drinks on one day since last visit
13	fh117a	Char	1	17a Diabetes type 1
14	fh117b	Char	1	17b Diabetes type 2
15	fh117c	Char	1	17c Hepatitis B
16	fh117d	Char	1	17d Hepatitis C
17	fh117e	Char	1	17e Autoimmune hepatitis
18	fh117f	Char	1	17f Autoimmune cholestatic liver disorder
19	fh117g	Char	1	17g Wilson's disease
20	fh117h	Char	1	17h Alpha-1-antitrypsin (A1AT) deficiency
21	fh117i	Char	1	17i Iron overload
22	fh117j	Char	1	17j Drug induced liver disease
23	fh117k	Char	1	17k Ascites
24	fh117l	Char	1	17l Gilbert's syndrome
25	fh117m	Char	1	17m Esophageal or gastric varices on endoscopy
26	fh117n	Char	1	17n Bleeding from varices
27	fh117o	Char	1	17o Other gastrointestinal bleeding
28	fh117p	Char	1	17p Biliary diversion
29	fh117q	Char	1	17q Metabolic acidosis
30	fh117r	Char	1	17r Edema
31	fh117s	Char	1	17s Hepatic encephalopathy
32	fh117t	Char	1	17t Any other evidence of chronic liver disease
33	fh117u	Char	1	17u Active inflammatory bowel disease
34	fh117v	Char	1	17v Short bowel syndrome
35	fh117w	Char	1	17w Small intestine resection
36	fh117x	Char	1	17x Hemophilia

Num	Variable	Type	Len	Label
37	fh117y	Char	1	17y Systemic autoimmune disorder
38	fh117z	Char	1	17z Endocrine disease
39	fh117aa	Char	1	17aa Asthma
40	fh117ab	Char	1	17ab Hepatocellular carcinoma
41	fh117ac	Char	1	17ac Other malignancy
42	fh117ad	Char	1	17ad HIV positive
43	fh117ae	Char	1	17ae Peripheral neuropathy
44	fh117af	Char	1	17af Active seizure disorder or epilepsy
45	fh117ag	Char	1	17ag Drug allergies
46	fh117ah	Char	1	17ah Hypothyroidism
47	fh117ai	Char	1	17ai Hypertension
48	fh117aj	Char	1	17aj Cerebrovascular disease
49	fh117ak	Char	1	17ak Hyperlipidemia
50	fh117al	Char	1	17al Pancreatitis
51	fh117am	Char	1	17am Cholelithiasis
52	fh117an	Char	1	17an Coronary artery disease
53	fh117ao	Char	1	17ao Congestive heart failure
54	fh117ap	Char	1	17ap Myocardial infarction
55	fh117aq	Char	1	17aq Unstable arrhythmias
56	fh117ar	Char	1	17ar Elevated uric acid
57	fh117as	Char	1	17as Kidney disease
58	fh117at	Char	1	17at Polycystic ovary syndrome
59	fh117au	Char	1	17au Sleep apnea
60	fh117av	Char	1	17av Dermatologic disorders
61	fh117aw	Char	1	17aw Myopathy
62	fh117ax	Char	1	17ax Myositis
63	fh117ay	Char	1	17ay Major depression
64	fh117az	Char	1	17az Schizophrenia
65	fh117ba	Char	1	17ba Bipolar disorder
66	fh117bb	Char	1	17bb Obsessive compulsive disorder
67	fh117bc	Char	1	17bc Severe anxiety or personality disorder
68	fh117bd	Char	1	17bd Substance abuse
69	fh117be	Char	1	17be None of the above
70	fh118a	Char	1	18a Stapling of the stomach
71	fh118b	Char	1	18b Jejunoileal bypass
72	fh118c	Char	1	18c Biliopancreatic diversion
73	fh118d	Char	1	18d Other bariatric surgery
74	fh118e	Char	1	18e None of the above
75	fh119	Char	1	19 Used drugs associated with NAFLD

Num	Variable	Type	Len	Label
76	fh119a	Char	1	19a Amiodarone
77	fh119b	Char	1	19b Demeclocycline
78	fh119c	Char	1	19c Divalproex
79	fh119d	Char	1	19d Doxycycline
80	fh119e	Char	1	19e Isonicotinylhydrazine
81	fh119f	Char	1	19f Isotretinoin
82	fh119g	Char	1	19g Methotrexate
83	fh119h	Char	1	19h Minocycline
84	fh119i	Char	1	19i Oxytetracycline
85	fh119j	Char	1	19j Tetracycline
86	fh119k	Char	1	19k Valproate sodium
87	fh119l	Char	1	19l Valproic acid
88	fh119m	Char	1	19m Other
89	fh120	Char	1	20 Used systemic glucocorticoids
90	fh120a	Char	1	20a Betamethasone sodium
91	fh120b	Char	1	20b Cortisol
92	fh120c	Char	1	20c Cortisone
93	fh120d	Char	1	20d Dexamethasone
94	fh120e	Char	1	20e Hydrocortisone
95	fh120f	Char	1	20f Methylprednisolone
96	fh120g	Char	1	20g Prednisolone
97	fh120h	Char	1	20h Prednisone
98	fh120i	Char	1	20i Triamcinolone
99	fh120j	Char	1	20j Other systemic corticosteroids
100	fh121	Char	1	21 Used any anabolic steroids or tamoxifen
101	fh121a	Char	1	21a Boldenone undecylenate
102	fh121b	Char	1	21b Fluoxymesterone
103	fh121c	Char	1	21c Methandrostenolone
104	fh121d	Char	1	21d Methyltestosterone
105	fh121e	Char	1	21e Nandrolone
106	fh121f	Char	1	21f Oxandrolone
107	fh121g	Char	1	21g Oxymetholone
108	fh121h	Char	1	21h Stanzolol
109	fh121i	Char	1	21i Tamoxifen
110	fh121j	Char	1	21j Testosterone
111	fh121k	Char	1	21k Other anabolic steroids
112	fh122	Char	1	22 Used any antidiabetic medications
113	fh122a	Char	1	22a Acarbose
114	fh122b	Char	1	22b Acetohexamide

Num	Variable	Type	Len	Label
115	fh122c	Char	1	22c Chlorpropamide
116	fh122d	Char	1	22d Exenatide
117	fh122e	Char	1	22e Glimepiride
118	fh122f	Char	1	22f Glipizide
119	fh122g	Char	1	22g Glyburide
120	fh122h	Char	1	22h Insulin
121	fh122i	Char	1	22i Metformin
122	fh122j	Char	1	22j Miglitol
123	fh122k	Char	1	22k Nateglinide
124	fh122l	Char	1	22l Pioglitazone
125	fh122m	Char	1	22m Repaglinide
126	fh122n	Char	1	22n Rosiglitazone
127	fh122o	Char	1	22o Tolazamide
128	fh122p	Char	1	22p Tolbutamide
129	fh122q	Char	1	22q Other antidiabetic drug
130	fh123	Char	1	23 Any of following drugs/supplements
131	fh123a	Char	1	23a Betaine
132	fh123b	Char	1	23b Choline + methionine...+ pyridoxine
133	fh123c	Char	1	23c Ursodeoxycholic acid
134	fh123d	Char	1	23d S-adenylmethionine
135	fh123e	Char	1	23e Milk thistle
136	fh123f	Char	1	23f Probiotics
137	fh123g	Char	1	23g Gemfibrozil
138	fh123h	Char	1	23h Vitamin E
139	fh123i	Char	1	23i Vitamin A
140	fh123j	Char	1	23j Vitamin B
141	fh123k	Char	1	23k Vitamin C
142	fh123l	Char	1	23l Vitamin D
143	fh123m	Char	1	23m Multivitamin
144	fh123n	Char	1	23n Other
145	fh123ns	Char	35	23n Specify other
146	fh124	Char	1	24 Used any lipid-lowering meds
147	fh124a	Char	1	24a Atorvastatin
148	fh124b	Char	1	24b Colestipol hydrochloride
149	fh124c	Char	1	24c Clofibrate
150	fh124d	Char	1	24d Fenofibrate
151	fh124e	Char	1	24e Fluvastatine sodium
152	fh124f	Char	1	24f Lovastatin
153	fh124g	Char	1	24g Nicotinic acid

Num	Variable	Type	Len	Label
154	fh124h	Char	1	24h Pravastatin sodium
155	fh124i	Char	1	24i Rosuvastatin
156	fh124j	Char	1	24j Simvastatin
157	fh124k	Char	1	24k Other
158	fh125	Char	1	25 Used any antiobesity meds
159	fh125a	Char	1	25a Dexfenfluramine hydrochloride
160	fh125b	Char	1	25b Fenfluramine hydrochloride
161	fh125c	Char	1	25c Methamphetamine hydrochloride
162	fh125d	Char	1	25d Orlistat
163	fh125e	Char	1	25e Orlistat - over the counter (Alli)
164	fh125f	Char	1	25f Phendimetrazine tartrate
165	fh125g	Char	1	25g Phentermine hydrochloride
166	fh125h	Char	1	25h Other antiobesity drug
167	fh126	Char	1	26 Used any histamine H2 receptor antagonists
168	fh126a	Char	1	26a Cimetidine
169	fh126b	Char	1	26b Esomeprazole magnesium
170	fh126c	Char	1	26c Famotidine
171	fh126d	Char	1	26d Lansoprazole
172	fh126e	Char	1	26e Nizatidine
173	fh126f	Char	1	26f Omeprazole
174	fh126g	Char	1	26g Ranitidine
175	fh126h	Char	1	26h Ranitidine bismuth citrate
176	fh126i	Char	1	26i Antacids
177	fh126is	Char	35	26i Specify antacids
178	fh126j	Char	1	26j Other
179	fh126js	Char	35	26j Specify other
180	fh127	Char	1	27 Used any cardiovascular drugs
181	fh127a	Char	1	27a Amlodipine besylate
182	fh127b	Char	1	27b Atenolol
183	fh127c	Char	1	27c Benazepril
184	fh127d	Char	1	27d Captopril
185	fh127e	Char	1	27e Clonidine
186	fh127f	Char	1	27f Digoxin
187	fh127g	Char	1	27g Diltiazem
188	fh127h	Char	1	27h Doxazosin
189	fh127i	Char	1	27i Enalapril
190	fh127j	Char	1	27j Felodipine
191	fh127k	Char	1	27k Furosemide
192	fh127l	Char	1	27l Hydrochlorothiazide

Num	Variable	Type	Len	Label
193	fh127m	Char	1	27m Hydrochlorothiazide + triamterene
194	fh127n	Char	1	27n Lisinopril
195	fh127o	Char	1	27o Losartan potassium
196	fh127p	Char	1	27p Losartan potassium + hydrochlorothiazide
197	fh127q	Char	1	27q Metoprolol
198	fh127r	Char	1	27r Nifedipine
199	fh127s	Char	1	27s Perhexiline maleate
200	fh127t	Char	1	27t Propranolol
201	fh127u	Char	1	27u Quinapril
202	fh127v	Char	1	27v Terazosin
203	fh127w	Char	1	27w Timolol maleate
204	fh127x	Char	1	27x Valsartan
205	fh127y	Char	1	27y Verapamil
206	fh127z	Char	1	27z Other cardiovascular/antihypertensive
207	fh127zs	Char	35	27z Specify other cardiovascular/antihypertensive
208	fh128	Char	1	28 Used any antipsychotic or antidepressants
209	fh128a	Char	1	28a Aripipazole (Abilify)
210	fh128b	Char	1	28b Buporpion (Wellburtrin)
211	fh128c	Char	1	28c Clomipramine (Anafranil)
212	fh128d	Char	1	28d Excitalopram (Lexapro)
213	fh128e	Char	1	28e Fluoxetine (Prozac)
214	fh128f	Char	1	28f Fluvoxamine (Luvox)
215	fh128g	Char	1	28g Lithium
216	fh128h	Char	1	28h Quetiapine
217	fh128i	Char	1	28i Risperidone
218	fh128j	Char	1	28j Sertraline (Zoloft)
219	fh128k	Char	1	28k Other
220	fh128ks	Char	35	28k Specify other
221	formdate	Num	8	4 Form date (days since randomization)
222	fh108	Num	8	8 Date of last FH form (days since randomization)

Data Set Name: figure1.sas7bdat

Num	Variable	Type	Len	Label
1	ID	Char	4	CyNCh Limited Use Dataset ID number
2	CLINIC_W	Char	7	Clinic and weight stratum
3	TX	Char	4	Treatment group
4	BAST	Num	8	BL AST - U/L
5	BALT	Num	8	BL ALT - U/L
6	BGGT	Num	8	BL GGT - U/L
7	VISIT	Char	3	5 Visit ID code
8	CAST	Num	8	Change from BL in AST - U/L
9	CALT	Num	8	Change from BL in ALT - U/L
10	CGGT	Num	8	Change from BL in GGT - U/L
11	BBMIZ	Num	8	BL Body mass index z-score
12	CBMIZ	Num	8	Change from BL in Body mass index z-scor

Data Set Name: lp.sas7bdat

Num	Variable	Type	Len	Label
1	id	Char	4	CyNCh Limited Use Dataset ID number
2	visit	Char	4	5 Visit ID code
3	form	Char	4	6 Form/revision
4	study	Char	1	7 Study
5	lp108	Char	1	8 How was questionnaire completed
6	lp109a	Char	1	9a Patient
7	lp109b	Char	1	9b Patient's mother or female guardian
8	lp109c	Char	1	9c Patient's father or male guardian
9	lp109d	Char	1	9d Other
10	lp109ds	Char	35	9d Specify other
11	lp112a	Char	1	12a Pain over liver
12	lp112b	Char	1	12b Nausea
13	lp112c	Char	1	12c Poor appetite
14	lp112d	Char	1	12d Fatigue
15	lp112e	Char	1	12e Weight loss
16	lp112f	Char	1	12f Diarrhea
17	lp112g	Char	1	12g Muscle aches or cramps
18	lp112h	Char	1	12h Muscle weakness
19	lp112i	Char	1	12i Headaches
20	lp112j	Char	1	12j Easy bruising
21	lp112k	Char	1	12k Itching
22	lp112l	Char	1	12l Irritability
23	lp112m	Char	1	12m Depression/sadness
24	lp112n	Char	1	12n Trouble sleeping
25	lp112o	Char	1	12o Trouble concentrating
26	lp112p	Char	1	12p Jaundice
27	lp112q	Char	1	12q Dark urine
28	lp112r	Char	1	12r Swelling of ankles
29	lp112s	Char	1	12s Swelling of abdomen
30	lp113	Char	1	13 Describe how tired you feel
31	lp114	Char	1	14 How often bothered by being tired
32	lp115	Char	1	15 Are you tired
33	lp116	Char	1	16 More tired the day after exercise or activity
34	lp117	Char	1	17 In general overall feeling in past month
35	formdate	Num	8	4 Form date (days since randomization)

Data Set Name: lr.sas7bdat

Num	Variable	Type	Len	Label
1	id	Char	4	CyNCh Limited Use Dataset ID number
2	visit	Char	4	5 Visit ID code
3	form	Char	4	6 Form/revision
4	study	Char	1	7 Study
5	lr109	Num	8	9 Hemoglobin (g/dL)
6	lr110	Num	8	10 Hematocrit (%)
7	lr111	Num	8	11 Mean corpuscular volume (MCV) (fL)
8	lr112a	Num	8	12a White blood cell count (WBC) (10^3 cells/uL)
9	lr112b	Num	8	12b Neutrophils (cells/uL)
10	lr112c	Num	8	12c Lymphocytes (cells/uL)
11	lr112d	Num	8	12d Monocytes (cells/uL)
12	lr112e	Num	8	12e Eosinophils (cells/uL)
13	lr112f	Num	8	12f Basophils (cells/uL)
14	lr113	Num	8	13 Platelet count (cells/mm3)
15	lr114	Num	8	14 Metabolic panel required at this visit
16	lr116	Num	8	16 Sodium (mEq/L)
17	lr117	Num	8	17 Potassium (mEq/L)
18	lr118	Num	8	18 Chloride (mEq/L)
19	lr119	Num	8	19 Bicarbonate (mEq/L)
20	lr120	Num	8	20 Calcium (mg/dL)
21	lr121	Num	8	21 Blood urea nitrogen (BUN) (mg/dL)
22	lr122	Num	8	22 Creatinine (mg/dL)
23	lr123	Num	8	23 Uric acid (mg/dL)
24	lr125	Num	8	25 Prothrombin time (PT) (sec)
25	lr126	Num	8	26 International normalized ratio (INR)
26	lr127	Num	8	27 HbA1c required at this visit
27	lr129	Num	8	29 HbA1c (%)
28	lr131	Num	8	31 Bilirubin (total) (mg/dL)
29	lr132	Num	8	32 Bilirubin (conjugated or direct) (mg/dL)
30	lr133	Num	8	33 Aspartate aminotransferase (AST) (U/L)
31	lr133a	Num	8	33a AST upper limit of normal (U/L)
32	lr134	Num	8	34 Alanine aminotransferase (ALT) (U/L)
33	lr134a	Num	8	34a ALT upper limit of normal (U/L)
34	lr135	Num	8	35 Alkaline phosphatase (U/L)
35	lr135a	Num	8	35a Alkaline phosphatase ULN (U/L)
36	lr136	Num	8	36 Albumin (g/dL)

Num	Variable	Type	Len	Label
37	lr137	Num	8	37 Total protein (g/dL)
38	lr138	Num	8	38 Gamma glutamyl transferase (GGT) (U/L)
39	lr139	Num	8	39 Lipid profile required at this visit
40	lr140	Num	8	40 Fasting for at least 8 hours
41	lr141a	Num	8	41a Triglycerides (mg/dL)
42	lr141b	Num	8	41b Total cholesterol (mg/dL)
43	lr141c	Num	8	41c HDL cholesterol (mg/dL)
44	lr141d	Num	8	41d LDL cholesterol (mg/dL)
45	lr142	Num	8	42 Glucose/insulin required at this visit
46	lr143	Num	8	43 Fasting for at least 8 hours
47	lr144a	Num	8	44a Serum glucose (mg/dL)
48	lr144b	Num	8	44b Serum insulin (uU/mL)
49	lr145	Num	8	45 Pregnancy test applicable
50	lr147	Num	8	47 Pregnancy test results
51	lr148	Num	8	48 Screening visit
52	lr149	Num	8	49 Patient is ineligible
53	formdate	Num	8	4 Form date (days since randomization)
54	lr108	Num	8	8 Date of blood draw for CBC (days since randomization)
55	lr115	Num	8	15 Date of blood draw for chemistries (days since randomization)
56	lr124	Num	8	24 Date of INR and PT blood draw (days since randomization)
57	lr128	Num	8	28 Date of blood draw for HbA1c (days since randomization)
58	lr130	Num	8	30 Date of blood draw for liver panel (days since randomization)
59	lr141	Num	8	41 Blood draw date for fasting lipid profile (days since randomization)
60	lr144	Num	8	44 Blood draw date for fasting glucose/OGTT (days since randomization)
61	lr146	Num	8	46 Date of urine collection/blood draw (days since randomization)

Data Set Name: ls.sas7bdat

Num	Variable	Type	Len	Label
1	id	Char	4	CyNCh Limited Use Dataset ID number
2	visit	Char	4	5 Visit ID code
3	form	Char	4	6 Form/revision
4	study	Char	1	7 Study
5	ls208a	Num	8	8a Hepatitis B surface antigen (HBsAg)
6	ls208b	Num	8	8b Hepatitis C antibody (anti-HCV)
7	ls208c	Num	8	8c Hepatitis C virus RNA (HCV RNA)
8	ls210	Num	8	10 Antinuclear antibody (ANA)
9	ls210a	Num	8	10a ANA titer (only the denominator, 1/____)
10	ls210b	Num	8	10b ANA (mg/dL)
11	ls211	Num	8	11 ANA titer > 1:80
12	ls213	Num	8	13 Antismooth muscle antibody (ASMA)
13	ls213a	Num	8	13a ASMA titer (only the denominator, 1/____)
14	ls213b	Num	8	13b ASMA (mg/dL)
15	ls215	Num	8	15 Antimitochondrial antibody (AMA
16	ls215a	Num	8	15a AMA titer (only the denominator, 1/____)
17	ls215b	Num	8	15b AMA (mg/dL)
18	ls216	Num	8	16 AMA titer > 1:80
19	ls218	Num	8	18 Ceruloplasmin (mg/dL)
20	ls218a	Num	8	18a Ceruloplasmin LLN (mg/dL)
21	ls218b	Num	8	18b Ceruloplasmin < LLN
22	ls220	Num	8	20 Alpha-1 antitrypsin concentration (mg/dL)
23	ls220a	Num	8	20a AlAT LLN (mg/dL)
24	ls221a	Num	8	21a SZ phenotype/genotype
25	ls221b	Num	8	21b ZZ phenotype/genotype
26	ls222	Num	8	22 AlAT deficiency contributing to liver dx
27	ls223a	Num	8	23a Serum Iron (ug/dL)
28	ls223b	Num	8	23b Total iron binding capacity (ug/dL)
29	ls223c	Num	8	23c Ferritin (ng/ml)
30	ls224	Num	8	24 Hepatic iron index available
31	ls225	Num	8	25 Hepatic iron index (umol/g/year)
32	formdate	Num	8	4 Form date (days since randomization)
33	ls208	Num	8	8 Date of blood draw for serological assays (days since randomization)
34	ls209	Num	8	9 Date of blood draw for autoantibody tests (days since randomization)
35	ls212	Num	8	12 Date of blood draw for anti-smooth muscle antibody (ASMA) (days since randomization)
36	ls214	Num	8	14 Date of blood draw for antimitochondrial antibody (AMA) (days since randomization)

Num	Variable	Type	Len	Label
37	ls217	Num	8	17 Date of blood draw for ceruloplasmin (days since randomization)
38	ls219	Num	8	19 Date of blood draw for alpha-1 antitrypsin (A1AT) (days since randomization)
39	ls223	Num	8	23 Date of blood draw for iron overload screening (days since randomization)

Data Set Name: nd.sas7bdat

Num	Variable	Type	Len	Label
1	id	Char	4	CyNCh Limited Use Dataset ID number
2	visit	Char	4	5 Visit ID code
3	form	Char	4	6 Form/revision
4	study	Char	1	7 Study
5	nd211a	Num	8	11a 1st recall - Energy (kcal)
6	nd211b	Num	8	11b 1st recall - Total fat (g)
7	nd211c	Num	8	11c 1st recall - Total SFA (g)
8	nd211d	Num	8	11d 1st recall - Total carbohydrates (g)
9	nd211e	Num	8	11e 1st recall - Total sugars (g)
10	nd211f	Num	8	11f 1st recall - Total protein (g)
11	nd215a	Num	8	15a 2nd recall - Energy (kcal)
12	nd215b	Num	8	15b 2nd recall - Total fat (g)
13	nd215c	Num	8	15c 2nd recall - Total SFA (g)
14	nd215d	Num	8	15d 2nd recall - Total carbohydrates (g)
15	nd215e	Num	8	15e 2nd recall - Total sugars (g)
16	nd215f	Num	8	15f 2nd recall - Total protein (g)
17	nd219a	Num	8	19a 3rd recall - Energy (kcal)
18	nd219b	Num	8	19b 3rd recall - Total fat (g)
19	nd219c	Num	8	19c 3rd recall - Total SFA (g)
20	nd219d	Num	8	19d 3rd recall - Total carbohydrates (g)
21	nd219e	Num	8	19e 3rd recall - Total sugars (g)
22	nd219f	Num	8	19f 3rd recall - Total protein (g)
23	formdate	Num	8	4 Form date (days since randomization)
24	nd208	Num	8	8 Date of 24-hour food recall #1 (days since randomization)
25	nd212	Num	8	12 Date of 24-hour food recall #2 (days since randomization)
26	nd216	Num	8	16 Date of 24-hour food recall #3 (days since randomization)

Data Set Name: pe.sas7bdat

Num	Variable	Type	Len	Label
1	id	Char	4	CyNCh Limited Use Dataset ID number
2	visit	Char	4	5 Visit ID code
3	form	Char	4	6 Form/revision
4	study	Char	1	7 Study
5	pe108a	Num	8	8a Height (1st measurement)
6	pe108b	Num	8	8b Height (2nd measurement)
7	pe108c	Num	8	8c Units of height measurement
8	pe109a	Num	8	9a Weight (1st measurement)
9	pe109b	Num	8	9b Weight (2nd measurement)
10	pe109c	Num	8	9c Units of weight measurement
11	pe110a	Num	8	10a Waist circumference (1st measurement)
12	pe110b	Num	8	10b Waist circumference (2nd measurement)
13	pe110c	Num	8	10c Units for waist measurement
14	pe111a	Num	8	11a Hip circumference (1st measurement)
15	pe111b	Num	8	11b Hip circumference (2nd measurement)
16	pe111c	Num	8	11c Units for hip measurement
17	pe112a	Num	8	12a Temperature (degrees)
18	pe112b	Num	8	12b Scale for temperature
19	pe113a	Num	8	13a Systolic BP (mmHg)
20	pe113b	Num	8	13b Diastolic BP (mmHg)
21	pe114	Num	8	14 Resting radial pulse (beats/min)
22	pe115	Num	8	15 Respiratory rate (breaths/min)
23	pe116	Num	8	16 Skin findings
24	pe117	Num	8	17 Acanthosis nigricans
25	pe118a	Num	8	18a jaundice
26	pe118b	Num	8	18b Palmar erythema
27	pe118c	Num	8	18c Spider angiomata
28	pe118d	Num	8	18d Striae
29	pe118e	Num	8	18e Skin lesions
30	pe118f	Num	8	18f Other skin abnormalities
31	pe118fs	Char	35	18fs Specify other skin abnomalities
32	pe118g	Num	8	18g None of the above skin abnormalilties
33	pe119	Num	8	19 Head, eyes, ears, nose, throat findings
34	pe119s	Char	35	19s Specify head, eyes, ears, nose, throat findings
35	pe120	Num	8	20 Neck findings
36	pe120s	Char	35	20s Specify neck findings

Num	Variable	Type	Len	Label
37	pe121	Num	8	21 Lymphatic findings
38	pe121s	Char	35	21s Specify lymphatic findings
39	pe122	Num	8	22 Chest and lung findings
40	pe122s	Char	35	22s Specify chest and lung findings
41	pe123	Num	8	23 Heart findings
42	pe123s	Char	35	23s Specify heart findings
43	pe124	Num	8	24 Abdomen findings
44	pe125a	Num	8	25a Ascites
45	pe125b	Num	8	25b Obese
46	pe125c	Num	8	25c Hepatomegaly
47	pe125cs	Num	8	25cs Span from rt midclavicular line
48	pe125d	Num	8	25d Splenomegaly
49	pe125e	Num	8	25e Other abdomen abnormality
50	pe125es	Char	35	25es Specify other abdomen abnormality
51	pe126	Num	8	26 Extremities
52	pe127a	Num	8	27a Contractures
53	pe127b	Num	8	27b Joint hyperextension
54	pe127c	Num	8	27c Muscle wasting
55	pe127d	Num	8	27d Palmar erythema
56	pe127e	Num	8	27e Pedal edema
57	pe127f	Num	8	27f Other extremities abnormality
58	pe127fs	Char	35	27fs Specify other extremities abnormality
59	pe128	Num	8	28 Nervous system
60	pe128s	Char	35	28s Specify nervous system
61	pe129	Num	8	29 Screening visit
62	pe130	Num	8	30 Able to swallow capsule
63	formdate	Num	8	4 Form date (days since randomization)

Data Set Name: pf.sas7bdat

Num	Variable	Type	Len	Label
1	id	Char	4	CyNCh Limited Use Dataset ID number
2	visit	Char	4	5 Visit ID code
3	form	Char	4	6 Form/revision
4	study	Char	1	7 Study
5	pf108a	Num	8	8a Height (1st measurement)
6	pf108b	Num	8	8b Height (2nd measurement)
7	pf108c	Num	8	8c Units of height measurement
8	pf109a	Num	8	9a Weight (1st measurement)
9	pf109b	Num	8	9b Weight (2nd measurement)
10	pf109c	Num	8	9c Units of weight measurement
11	pf110a	Num	8	10a Waist circumference (1st measurement)
12	pf110b	Num	8	10b Waist circumference (2nd measurement)
13	pf110c	Num	8	10c Units for waist measurement
14	pf111a	Num	8	11a Hip circumference (1st measurement)
15	pf111b	Num	8	11b Hip circumference (2nd measurement)
16	pf111c	Num	8	11c Units for hip measurement
17	pf112a	Num	8	12a Temperature (degrees)
18	pf112b	Num	8	12b Scale for temperature
19	pf113a	Num	8	13a Systolic BP (mmHg)
20	pf113b	Num	8	13b Diastolic BP (mmHg)
21	pf114	Num	8	14 Resting radial pulse (beats/min)
22	pf115	Num	8	15 Respiratory rate (breaths/min)
23	pf116	Num	8	16 Liver and spleen
24	pf117a	Num	8	17a Ascites
25	pf117b	Num	8	17b Asterixis
26	pf117c	Num	8	17c Contractures
27	pf117d	Num	8	17d Fetor
28	pf117e	Num	8	17e Hepatomegaly
29	pf117es	Num	8	17e Hepatomegaly (cm)
30	pf117f	Num	8	17f Jaundice
31	pf117g	Num	8	17g Muscle wasting
32	pf117h	Num	8	17h Palmar erythema
33	pf117i	Num	8	17i Pedal edema
34	pf117j	Num	8	17j Spider angiomata
35	pf117k	Num	8	17k Splenomegaly
36	pf117l	Num	8	17l Other skin abnormalities

Num	Variable	Type	Len	Label
37	pf117ls	Char	35	17l Specify other skin abnomalities
38	formdate	Num	8	4 Form date (days since randomization)

Data Set Name: pq.sas7bdat

Num	Variable	Type	Len	Label
1	id	Char	4	CyNCh Limited Use Dataset ID number
2	visit	Char	4	5 Visit ID code
3	form	Char	4	6 Form/revision
4	study	Char	1	7 Study
5	pq108	Char	1	8 How completed
6	pq111	Char	1	11 Walking more than one block
7	pq112	Char	1	12 Running
8	pq113	Char	1	13 Participating in sports activity or exercise
9	pq114	Char	1	14 Lifting something heavy
10	pq115	Char	1	15 Taking bath or shower by him or herself
11	pq116	Char	1	16 Doing chores
12	pq117	Char	1	17 Having hurts or aches
13	pq118	Char	1	18 Low energy level
14	pq119	Char	1	19 Feeling afraid or scared
15	pq120	Char	1	20 Feeling sad or blue
16	pq121	Char	1	21 Feeling angry
17	pq122	Char	1	22 Trouble sleeping
18	pq123	Char	1	23 Worrying about what will happen to him or her
19	pq124	Char	1	24 Getting along with other teens
20	pq125	Char	1	25 Other teens not wanting to be his or her friend
21	pq126	Char	1	26 Getting teased by other teens
22	pq127	Char	1	27 Not able to do things other teens can do
23	pq128	Char	1	28 Keeping up with other teens
24	pq129	Char	1	29 Paying attention in class
25	pq130	Char	1	30 Forgetting things
26	pq131	Char	1	31 Keeping up with schoolwork
27	pq132	Char	1	32 Missing school because of not feeling well
28	pq133	Char	1	33 Missing school to go to doctor or hospital
29	formdate	Num	8	4 Form date (days since randomization)

Data Set Name: pr.sas7bdat

Num	Variable	Type	Len	Label
1	id	Char	4	CyNCh Limited Use Dataset ID number
2	visit	Char	4	5 Visit ID code
3	form	Char	4	6 Form/revision
4	study	Char	1	7 Study
5	pr108	Char	1	8 How completed
6	pr111	Char	1	11 Walking more than one block
7	pr112	Char	1	12 Running
8	pr113	Char	1	13 Participating in sports activity or exercise
9	pr114	Char	1	14 Lifting something heavy
10	pr115	Char	1	15 Taking bath or shower by him or herself
11	pr116	Char	1	16 Doing chores
12	pr117	Char	1	17 Having hurts or aches
13	pr118	Char	1	18 Low energy level
14	pr119	Char	1	19 Feeling afraid or scared
15	pr120	Char	1	20 Feeling sad or blue
16	pr121	Char	1	21 Feeling angry
17	pr122	Char	1	22 Trouble sleeping
18	pr123	Char	1	23 Worrying about what will happen to him or her
19	pr124	Char	1	24 Getting along with other children
20	pr125	Char	1	25 Other kids not wanting to be his or her friend
21	pr126	Char	1	26 Getting teased by other children
22	pr127	Char	1	27 Not able to do things other children can do
23	pr128	Char	1	28 Keeping up when playing with other children
24	pr129	Char	1	29 Paying attention in class
25	pr130	Char	1	30 Forgetting things
26	pr131	Char	1	31 Keeping up with schoolwork
27	pr132	Char	1	32 Missing school because of not feeling well
28	pr133	Char	1	33 Missing school to go to doctor or hospital
29	formdate	Num	8	4 Form date (days since randomization)

Data Set Name: pw.sas7bdat

Num	Variable	Type	Len	Label
1	id	Char	4	CyNCh Limited Use Dataset ID number
2	visit	Char	4	5 Visit ID code
3	form	Char	4	6 Form/revision
4	study	Char	1	7 Study
5	pw108	Char	1	8 How was questionnaire completed?
6	pw111	Char	1	11 Hard to walk more than one block
7	pw112	Char	1	12 Hard to run
8	pw113	Char	1	13 Hard to do sports or exercise
9	pw114	Char	1	14 Hard to lift something heavy
10	pw115	Char	1	15 Hard to bathe/shower by myself
11	pw116	Char	1	16 Hard to do chores around house
12	pw117	Char	1	17 Hurt or ache
13	pw118	Char	1	18 Low energy
14	pw119	Char	1	19 Feel afraid or scared
15	pw120	Char	1	20 Feel sad
16	pw121	Char	1	21 Feel angry
17	pw122	Char	1	22 Trouble sleeping
18	pw123	Char	1	23 Worry what will happen to me
19	pw124	Char	1	24 Trouble getting along with other kids
20	pw125	Char	1	25 Other kids don't want to be my friend
21	pw126	Char	1	26 Other kids tease me
22	pw127	Char	1	27 Can't do things other kids can do
23	pw128	Char	1	28 Hard to keep up when playing with kids
24	pw129	Char	1	29 Hard to pay attention in class
25	pw130	Char	1	30 Forget things
26	pw131	Char	1	31 Trouble keeping up with school work
27	pw132	Char	1	32 Miss school because not feeling well
28	pw133	Char	1	33 Miss school to go to doctor/hospital
29	formdate	Num	8	4 Form date (days since randomization)

Data Set Name: py.sas7bdat

Num	Variable	Type	Len	Label
1	id	Char	4	CyNCh Limited Use Dataset ID number
2	visit	Char	4	5 Visit ID code
3	form	Char	4	6 Form/revision
4	study	Char	1	7 Study
5	py108	Char	1	8 How completed
6	py111	Char	1	11 Hard to walk more than one block
7	py112	Char	1	12 Hard for me to run
8	py113	Char	1	13 Hard to do sports activity or exercise
9	py114	Char	1	14 Hard to lift something heavy
10	py115	Char	1	15 Hard to take bath or shower by myself
11	py116	Char	1	16 Hard to do chores around house
12	py117	Char	1	17 I hurt or ache
13	py118	Char	1	18 I have low energy
14	py119	Char	1	19 I feel afraid or scared
15	py120	Char	1	20 I feel sad or blue
16	py121	Char	1	21 I feel angry
17	py122	Char	1	22 I have trouble sleeping
18	py123	Char	1	23 Worry about what will happen to me
19	py124	Char	1	24 Trouble getting along with other teens
20	py125	Char	1	25 Other teens do not want to be my friend
21	py126	Char	1	26 Other teens tease me
22	py127	Char	1	27 Cannot do things other teens can do
23	py128	Char	1	28 Hard to keep up with my peers
24	py129	Char	1	29 Hard to pay attention in class
25	py130	Char	1	30 I forget things
26	py131	Char	1	31 Trouble keeping up with schoolwork
27	py132	Char	1	32 Miss school because of not feeling well
28	py133	Char	1	33 Miss school to go to doctor or hospital
29	formdate	Num	8	4 Form date (days since randomization)

Data Set Name: rd.sas7bdat

Num	Variable	Type	Len	Label
1	id	Char	4	CyNCh Limited Use Dataset ID number
2	visit	Char	4	5 Visit ID code
3	form	Char	4	6 Form/revision
4	study	Char	1	7 Study
5	rd108	Char	1	8 2nd form for returning extra bottles
6	rd109	Char	1	9 Study drug dispensed today
7	rd110a	Char	1	10a Not a drug dispensing visit
8	rd110b	Char	1	10b Study drug interruption/termination
9	rd110c	Char	1	10c Patient unwilling to take study drug
10	rd110d	Char	1	10d Other reason for not dispensing drug
11	rd111	Char	2	11 Number of bottles dispensed
12	rd123	Char	1	23 How study drug dispensed
13	rd124	Char	1	24 Bottles returned at this visit
14	rd125	Char	2	25 Number of bottles returned
15	rd126b	Char	3	26b Number of capsules returned
16	rd127b	Char	3	27b Number of capsules returned
17	rd128b	Char	3	28b Number of capsules returned
18	rd129b	Char	3	29b Number of capsules returned
19	rd130b	Char	3	30b Number of capsules returned
20	rd131b	Char	3	31b Number of capsules returned
21	rd132b	Char	3	32b Number of capsules returned
22	rd133b	Char	3	33b Number of capsules returned
23	rd134b	Char	3	34b Number of capsules returned
24	rd135b	Char	3	35b Number of capsules returned
25	rd136b	Char	3	36b Number of capsules returned
26	rd137b	Char	3	37b Number of capsules returned
27	rd138	Char	1	38 Additional bottles being returned
28	formdate	Num	8	4 Form date (days since randomization)

Data Set Name: rg.sas7bdat

Num	Variable	Type	Len	Label
1	id	Char	4	CyNCh Limited Use Dataset ID number
2	visit	Char	4	5 Visit ID code
3	form	Char	4	6 Form/revision
4	study	Char	1	7 Study
5	rg108	Char	1	8 Patient suitable for study
6	rg109	Char	1	9 Signed informed consent
7	rg110	Char	1	10 Signed informed assent
8	rg112	Char	2	12 Age at last birthday
9	rg113	Char	1	13 8-17 years old
10	rg114	Char	1	14 Gender
11	rg115	Char	1	15 Ethnic category
12	rg116	Char	1	16 Hispanic origin
13	rg116s	Char	35	16 Specify other Spanish culture
14	rg117a	Char	1	17a American Indian/Alaska Native
15	rg117b	Char	1	17b Asian
16	rg117c	Char	1	17c Black/African American
17	rg117d	Char	1	17d Native Hawaiian/Pacific Islander
18	rg117e	Char	1	17e White
19	rg117f	Char	1	17f Refused
20	rg118	Char	1	18 Country of birth
21	rg118s	Char	35	18 Specify other country
22	rg119	Char	1	19 Current grade level in school
23	rg119s	Char	35	19 Specify other grade level
24	rg120	Char	1	20 Annual household income
25	rg121	Char	1	21 NASH ID previously assigned
26	rg122a	Char	1	22a NAFLD Database
27	rg122b	Char	1	22b TONIC
28	rg122c	Char	1	22c NAFLD Pediatric Database 2
29	rg122d	Char	1	22d Other NASH study
30	rg122ds	Char	35	22d Specify other study
31	formdate	Num	8	4 Form date (days since randomization)
32	rg111	Num	8	11 Birth date (days before randomization)

Data Set Name: suppfig1.sas7bdat

Num	Variable	Type	Len	Label
1	ID	Char	4	CyNCh Limited Use Dataset ID number
2	RZ	Num	8	Enrolled, 1=yes, 0=no
3	TX	Char	4	Treatment group: Cyst or Plbo
4	INELIGRS	Char	9	Reason for ineligibility
5	RD109	Char	1	9 Study drug dispensed today
6	NO_BX	Num	8	Missing 52-week biopsy: 1=yes, 0=no
7	MISSBX_R	Char	23	Reason for missed 52-wk bx

Data Set Name: supptable1.sas7bdat

Num	Variable	Type	Len	Label
1	ID	Char	4	CyNCh Limited Use Dataset ID number
2	CLINIC_W	Char	7	Clinic and weight stratum
3	TX	Char	4	Treatment group
4	CYST	Num	8	Treatment group, cyst=1, plbo=0
5	IMPROVE	Num	8	Histologic improvement in completers 0=n
6	IMPROVE2	Num	8	Histologic improvement - primary outcome
7	ADHERENT	Num	8	
8	BESTCASE	Num	8	
9	WORSTCAS	Num	8	

Data Set Name: supptable2.sas7bdat

Num	Variable	Type	Len	Label
1	ID	Char	4	CyNCh Limited Use Dataset ID number
2	CLINIC_W	Char	7	Clinic and weight stratum
3	TX	Char	4	Treatment group
4	WT_STRAT	Num	8	Weight group, 1=<=65 kg, 2=65-80kg, 3=>8
5	GENDER	Num	8	Gender, 1=male, 2=female
6	HISPANIC	Num	8	Hispanic ethnicity 0=no 1=yes
7	BSTEATO	Num	8	Baseline Steatosis score - scale 0-3
8	BLOBINF	Num	8	Baseline Lobular inflammation score - sc
9	BBALL	Num	8	Baseline Ballooning score - scale 0-2
10	BSTDIAG	Char	2	Steatohepatitis - 99=Not NAFLD,0=NAFLD,
11	WTSTRAT_	Num	8	Weight group, 0=<=65kg, 1=>65 kg
12	RXDOSE	Num	8	Dose per body weight - mg/kg
13	DOSECAT	Num	8	Dose mg/kg categorical, 0=<8.6 mg/kg, 1=
14	RACETH	Char	4	Race/ethnicity, Hisp=Hispanic, NHW=Non-H
15	AGEBIN	Num	8	Baseline age, 1=>=13 yrs, 0=<13 yrs
16	ALTBIN	Num	8	Baseline ALT, 1=>=60 U/L, 0=<60 U/L
17	BMICAT	Num	8	Baseline BMI, 0=<30 kg/m^2, 1=30-34 kg/m
18	BMIZCAT	Num	8	Baseline BMI z-score, 0=<=2, 1=>2-2.5, 2
19	BFIBANY	Num	8	Baseline Fibrosis - 0=none, 1=any
20	BLENGTHB	Num	8	Baseline biopsy length, 0=<15mm, 1=>=15
21	CYST	Num	8	Treatment group, cyst=1, plbo=0
22	IMPROVE2	Num	8	Histologic improvement - primary outcome
23	FLENGTHB	Num	8	Week 52 biopsy length, 0=<15mm, 1=>=15 m
24	ADHERENT	Num	8	Adherent to study drug rx, 1=yes, 0=no
25	BMIZ_D	Num	8	Week 52-BL Body mass index z-score
26	BMIZ_STA	Num	8	BMI z-score stability, 0=<0.1 decrease,

Data Set Name: supptable3.sas7bdat

Num	Variable	Type	Len	Label
1	ID	Char	4	CyNCh Limited Use Dataset ID number
2	WTGRP	Char	5	Weight group - text
3	CLINIC_W	Char	7	Clinic and weight stratum
4	TX	Char	4	Treatment group: Cyst=CBDR, Plbo=Placebo
5	CYST	Num	8	Treatment group: 1=CBDR, 0=Placebo
6	AST_B	Num	8	BL AST - U/L
7	ALT_B	Num	8	BL ALT - U/L
8	ALKPHOS_	Num	8	BL Alkaline phosphatase - U/L
9	GGT_B	Num	8	BL GGT - U/L
10	TRIGLYC_	Num	8	BL Triglycerides - mg/dL
11	TOTCHOL_	Num	8	BL Cholesterol - mg/dL
12	HDL_B	Num	8	BL HDL - mg/dL
13	LDL_B	Num	8	BL LDL - mg/dL
14	NONHDLC_	Num	8	BL Non-HDL cholesterol - mg/dL
15	GLUCOSE_	Num	8	BL Fasting serum glucose - mg/dL
16	INSULIN_	Num	8	BL Insulin - microU/mL
17	HOMA_B	Num	8	BL HOMA-IR - mmol/L x umol/mL / 22.5
18	AST_F	Num	8	Week 76 AST - U/L
19	ALT_F	Num	8	Week 76 ALT - U/L
20	ALKPHOS0	Num	8	Week 76 Alkaline phosphatase - U/L
21	GGT_F	Num	8	Week 76 GGT - U/L
22	TRIGLYC0	Num	8	Week 76 Triglycerides - mg/dL
23	TOTCHOL0	Num	8	Week 76 Cholesterol - mg/dL
24	HDL_F	Num	8	Week 76 HDL - mg/dL
25	LDL_F	Num	8	Week 76 LDL - mg/dL
26	NONHDLC0	Num	8	Week 76 Non-HDL cholesterol - mg/dL
27	GLUCOSE0	Num	8	Week 76 Fasting serum glucose - mg/dL
28	INSULIN0	Num	8	Week 76 Insulin - microU/mL
29	HOMA_F	Num	8	Week 76 HOMA-IR - mmol/L x umol/mL / 22.
30	AST_D	Num	8	Week 76-BL AST - U/L
31	ALT_D	Num	8	Week 76-BL ALT - U/L
32	ALKPHOS1	Num	8	Week 76-BL Alkaline phosphatase - U/L
33	GGT_D	Num	8	Week 76-BL GGT - U/L
34	TRIGLYC1	Num	8	Week 76-BL Triglycerides - mg/dL
35	TOTCHOL1	Num	8	Week 76-BL Cholesterol - mg/dL
36	HDL_D	Num	8	Week 76-BL HDL - mg/dL

Num	Variable	Type	Len	Label
37	LDL_D	Num	8	Week 76-BL LDL - mg/dL
38	NONHDLC1	Num	8	Week 76-BL Non-HDL cholesterol - mg/dL
39	GLUCOSE1	Num	8	Week 76-BL Fasting serum glucose - mg/dL
40	INSULIN1	Num	8	Week 76-BL Insulin - microU/mL
41	HOMA_D	Num	8	Week 76-BL HOMA-IR - mmol/L x umol/mL /
42	HTCM_B	Num	8	BL Height - cm
43	WTKG_B	Num	8	BL Weight - kg
44	BMI_B	Num	8	BL Body mass index - kg/m2
45	WAISTCM_	Num	8	BL Waist circumference - cm
46	HIPCM_B	Num	8	BL Hip circumference - cm
47	WAISTHIP	Num	8	BL Waist to hip ratio
48	SYSTOLIC	Num	8	BL Systolic blood pressure - mmHg
49	DIASTOLI	Num	8	BL Diastolic blood pressure - mmHg
50	HTCM_F	Num	8	Week 76 Height - cm
51	WTKG_F	Num	8	Week 76 Weight - kg
52	BMI_F	Num	8	Week 76 Body mass index - kg/m2
53	WAISTCM0	Num	8	Week 76 Waist circumference - cm
54	HIPCM_F	Num	8	Week 76 Hip circumference - cm
55	WAISTHI0	Num	8	Week 76 Waist to hip ratio
56	SYSTOLI0	Num	8	Week 76 Systolic blood pressure - mmHg
57	DIASTOL0	Num	8	Week 76 Diastolic blood pressure - mmHg
58	WTKG_D	Num	8	Week 76-BL Weight - kg
59	BMI_D	Num	8	Week 76-BL Body mass index - kg/m2
60	WAISTCM1	Num	8	Week 76-BL Waist circumference - cm
61	WAISTHI1	Num	8	Week 76-BL Waist to hip ratio
62	SYSTOLI1	Num	8	Week 76-BL Systolic blood pressure - mmH
63	DIASTOL1	Num	8	Week 76-BL Diastolic blood pressure - mm
64	BMIZ_B	Num	8	BL Body mass index z-score
65	BMIZ_F	Num	8	Week 76 Body mass index z-score
66	BMIZ_D	Num	8	Week 76-BL Body mass index z-score
67	PPHYS_B	Num	8	BL Peds QOL Parent Report - Physical hea
68	PSOC_B	Num	8	BL Peds QOL Parent Report - Psychosocial
69	PPHYS_F	Num	8	Week 76 Peds QOL Parent Report - Physica
70	PSOC_F	Num	8	Week 76 Peds QOL Parent Report - Psychos
71	PPHYS_D	Num	8	Week 76-BL Peds QOL Parent Report - Phys
72	PSOC_D	Num	8	Week 76-BL Peds QOL Parent Report - Psyc
73	CPHYS_B	Num	8	BL Peds QOL Self Report - Physical healt
74	CSOC_B	Num	8	BL Peds QOL Self Report - Psychosocial h
75	CPHYS_F	Num	8	Week 76 Peds QOL Self Report - Physical

Num	Variable	Type	Len	Label
76	CSOC_F	Num	8	Week 76 Peds QOL Self Report - Psychosoc
77	CPHYS_D	Num	8	Week 76-BL Peds QOL Self Report - Physic
78	CSOC_D	Num	8	Week 76-BL Peds QOL Self Report - Psycho

Data Set Name: table1.sas7bdat

Num	Variable	Type	Len	Label
1	ID	Char	4	CyNCh Limited Use Dataset ID number
2	WTGRP	Char	5	Weight group - text
3	CLINIC_W	Char	7	Clinic and weight stratum
4	TX	Char	4	Treatment group
5	WT_STRAT	Num	8	Weight group, 1=<=65 kg, 2=65-80kg, 3=>8
6	GENDER	Num	8	Gender, 1=male, 2=female
7	HISPANIC	Num	8	Hispanic ethnicity 0=no 1=yes
8	RACE	Char	5	Race
9	AGE	Num	8	Age at randomization - yrs
10	BILITOT	Num	8	Bilirubin, total - mg/dL
11	AST	Num	8	AST - U/L
12	ALT	Num	8	ALT - U/L
13	ALKPHOS	Num	8	Alkaline phosphatase - U/L
14	GGT	Num	8	GGT - U/L
15	TRIGLYC	Num	8	Triglycerides - mg/dL
16	TOTCHOL	Num	8	Cholesterol - mg/dL
17	HDL	Num	8	HDL - mg/dL
18	LDL	Num	8	LDL - mg/dL
19	NONHDLC	Num	8	Non-HDL cholesterol - mg/dL
20	GLUCOSE	Num	8	Fasting serum glucose - mg/dL
21	INSULIN	Num	8	Insulin - microU/mL
22	HOMA	Num	8	HOMA-IR - mmol/L x umol/mL / 22.5
23	HTCM	Num	8	Height - cm
24	WTKG	Num	8	Weight - kg
25	BMI	Num	8	Body mass index - kg/m2
26	WAISTCM	Num	8	Waist circumference - cm
27	HIPCM	Num	8	Hip circumference - cm
28	WAISTHIP	Num	8	Waist to hip ratio
29	SYSTOLIC	Num	8	Systolic blood pressure - mmHg
30	DIASTOLI	Num	8	Diastolic blood pressure - mmHg
31	DIABETES	Num	8	Diabetes 0=no 1=yes
32	HYPERTEN	Num	8	Hypertension 0=no 1=yes
33	HYPERLIP	Num	8	Hyperlipidemia 0=no 1=yes
34	BLENGTH	Num	8	Biopsy length (mm)
35	BSTEATO	Num	8	Steatosis score - scale 0-3
36	BLOBINF	Num	8	Lobular inflammation score - scale 0-3

Num	Variable	Type	Len	Label
37	BBALL	Num	8	Ballooning score - scale 0-2
38	BPORTINF	Num	8	Portal inflammation score - scale 0-2
39	BFIB	Char	2	Fibrosis score - scale 0, 1a, 1b, 1c, 2,
40	BFIBRO	Num	8	Fibrosis score, scale 0-4 (1a, 1b, 1c re
41	BSTDIAG	Char	2	Steatohepatitis - 99=Not NAFLD,0=NAFLD,
42	BNAS	Num	8	NAFLD activity score - scale 0-8
43	BMIZ	Num	8	Body mass index z-score
44	PPHYS	Num	8	Peds QOL Parent Report - Physical health
45	PSOC	Num	8	Peds QOL Parent Report - Psychosocial he
46	CPHYS	Num	8	Peds QOL Self Report - Physical health
47	CSOC	Num	8	Peds QOL Self Report - Psychosocial heal

Data Set Name: table2.sas7bdat

Num	Variable	Type	Len	Label
1	ID	Char	4	CyNCh Limited Use Dataset ID number
2	CLINIC_W	Char	7	Clinic and weight stratum
3	TX	Char	4	Treatment group
4	WT_STRAT	Num	8	Weight group, 1=<=65 kg, 2=65-80kg, 3=>8
5	BLENGTH	Num	8	Baseline biopsy length (mm)
6	BSTEATO	Num	8	Baseline Steatosis score - scale 0-3
7	BLOBINF	Num	8	Baseline Lobular inflammation score - sc
8	BPORTINF	Num	8	Baseline Portal inflammation score - sca
9	BBALL	Num	8	Baseline Ballooning score - scale 0-2
10	BFIBALL	Char	2	Baseline Fibrosis score - 0, 1a, 1b, 1c,
11	BFIB	Num	8	Baseline Fibrosis score - scale 0-4
12	BSTDIAG	Char	2	Steatohepatitis - 99=Not NAFLD,0=NAFLD,
13	BNAS	Num	8	Baseline NAFLD activity score - scale 0-
14	FLENGTH	Num	8	Week 52 biopsy length (mm)
15	FSTEATO	Num	8	Week 52 Steatosis score - scale 0-3
16	FLOBINF	Num	8	Week 52 Lobular inflammation score - sca
17	FPORTINF	Num	8	Week 52 Portal inflammation score - scal
18	FBALL	Num	8	Week 52 Ballooning score - scale 0-2
19	FFIBALL	Char	2	Week 52 Fibrosis score - 0, 1a, 1b, 1c,
20	FFIB	Num	8	Week 52 Fibrosis score - scale 0-4 (1a,
21	FSTDIAG	Char	2	Week 52 Steatohepatitis - 99=Not NAFLD,0
22	FNAS	Num	8	Week 52 NAFLD activity score - scale 0-8
23	CYST	Num	8	Treatment group, cyst=1, plbo=0
24	DNAS	Num	8	Week 52 - BL NAFLD activity score
25	DFIB	Num	8	Week 52 - BL Fibrosis score
26	IMPROVE	Num	8	Histologic improvement in completers 0=n
27	IMPROVE2	Num	8	Histologic improvement - primary outcome
28	RESOLVE	Num	8	Week 52 Resolution of definite NASH 0=no
29	DSTEATO	Num	8	Week 52 - BL Steatosis score
30	DLOBINF	Num	8	Week 52 - BL Lobular inflammation score
31	DPORTINF	Num	8	Week 52 - BL Portal inflammation score
32	DBALL	Num	8	Week 52 - BL Ballooning score
33	IMPSTEAT	Num	8	Improvement in Week 52 Steatosis score 0
34	IMPLOBIN	Num	8	Improvement in Week 52 Lobular inflammat
35	IMPBALL	Num	8	Improvement in Week 52 Ballooning score
36	IMPFIB	Num	8	Improvement in Week 52 Fibrosis score 0=

Num	Variable	Type	Len	Label
37	IMPPORTI	Num	8	Improvement in Week 52 Portal inflammati
38	RESOLVE2	Num	8	Week 52 Resolution of definite NASH 0=no
39	IMPSTEA0	Num	8	Improvement in Week 52 Steatosis score 0
40	IMPLOBI0	Num	8	Improvement in Week 52 Lobular inflammat
41	IMPPORT0	Num	8	Improvement in Week 52 Portal inflammati
42	IMPBALL2	Num	8	Improvement in Week 52 Ballooning score
43	IMPFIB2	Num	8	Improvement in Week 52 Fibrosis score 0=

Data Set Name: table3.sas7bdat

Num	Variable	Type	Len	Label
1	ID	Char	4	CyNCh Limited Use Dataset ID number
2	WTGRP	Char	5	Weight group
3	CLINIC_W	Char	7	Clinic and weight stratum
4	TX	Char	4	Treatment group
5	CYST	Num	8	Treatment group, 1=Cyst, 0=Plbo
6	AST_B	Num	8	BL AST - U/L
7	ALT_B	Num	8	BL ALT - U/L
8	ALKPHOS_	Num	8	BL Alkaline phosphatase - U/L
9	GGT_B	Num	8	BL GGT - U/L
10	TRIGLYC_	Num	8	BL Triglycerides - mg/dL
11	TOTCHOL_	Num	8	BL Cholesterol - mg/dL
12	HDL_B	Num	8	BL HDL - mg/dL
13	LDL_B	Num	8	BL LDL - mg/dL
14	NONHDLC_	Num	8	BL Non-HDL cholesterol - mg/dL
15	GLUCOSE_	Num	8	BL Fasting serum glucose - mg/dL
16	INSULIN_	Num	8	BL Insulin - microU/mL
17	HOMA_B	Num	8	BL HOMA-IR - mmol/L x umol/mL / 22.5
18	AST_F	Num	8	Week 52 AST - U/L
19	ALT_F	Num	8	Week 52 ALT - U/L
20	ALKPHOS0	Num	8	Week 52 Alkaline phosphatase - U/L
21	GGT_F	Num	8	Week 52 GGT - U/L
22	TRIGLYC0	Num	8	Week 52 Triglycerides - mg/dL
23	TOTCHOL0	Num	8	Week 52 Cholesterol - mg/dL
24	HDL_F	Num	8	Week 52 HDL - mg/dL
25	LDL_F	Num	8	Week 52 LDL - mg/dL
26	NONHDLC0	Num	8	Week 52 Non-HDL cholesterol - mg/dL
27	GLUCOSE0	Num	8	Week 52 Fasting serum glucose - mg/dL
28	INSULIN0	Num	8	Week 52 Insulin - microU/mL
29	HOMA_F	Num	8	Week 52 HOMA-IR - mmol/L x umol/mL / 22.
30	AST_D	Num	8	Week 52-BL AST - U/L
31	ALT_D	Num	8	Week 52-BL ALT - U/L
32	ALKPHOS1	Num	8	Week 52-BL Alkaline phosphatase - U/L
33	GGT_D	Num	8	Week 52-BL GGT - U/L
34	TRIGLYC1	Num	8	Week 52-BL Triglycerides - mg/dL
35	TOTCHOL1	Num	8	Week 52-BL Cholesterol - mg/dL
36	HDL_D	Num	8	Week 52-BL HDL - mg/dL

Num	Variable	Type	Len	Label
37	LDL_D	Num	8	Week 52-BL LDL - mg/dL
38	NONHDLC1	Num	8	Week 52-BL Non-HDL cholesterol - mg/dL
39	GLUCOSE1	Num	8	Week 52-BL Fasting serum glucose - mg/dL
40	INSULIN1	Num	8	Week 52-BL Insulin - microU/mL
41	HOMA_D	Num	8	Week 52-BL HOMA-IR - mmol/L x umol/mL /
42	HTCM_B	Num	8	BL Height - cm
43	WTKG_B	Num	8	BL Weight - kg
44	BMI_B	Num	8	BL Body mass index - kg/m2
45	WAISTCM_	Num	8	BL Waist circumference - cm
46	HIPCM_B	Num	8	BL Hip circumference - cm
47	WAISTHIP	Num	8	BL Waist to hip ratio
48	SYSTOLIC	Num	8	BL Systolic blood pressure - mmHg
49	DIASTOLI	Num	8	BL Diastolic blood pressure - mmHg
50	HTCM_F	Num	8	Week 52 Height - cm
51	WTKG_F	Num	8	Week 52 BL Weight - kg
52	BMI_F	Num	8	Week 52 Body mass index - kg/m2
53	WAISTCM0	Num	8	Week 52 Waist circumference - cm
54	HIPCM_F	Num	8	Week 52 Hip circumference - cm
55	WAISTHI0	Num	8	Week 52 Waist to hip ratio
56	SYSTOLI0	Num	8	Week 52 Systolic blood pressure - mmHg
57	DIASTOL0	Num	8	Week 52 Diastolic blood pressure - mmHg
58	WTKG_D	Num	8	Week 52-BL Weight - kg
59	BMI_D	Num	8	Week 52-BL Body mass index - kg/m2
60	WAISTCM1	Num	8	Week 52-BL Waist circumference - cm
61	WAISTHI1	Num	8	Week 52-BL Waist to hip ratio
62	SYSTOLI1	Num	8	Week 52-BL Systolic blood pressure - mmH
63	DIASTOL1	Num	8	Week 52-BL Diastolic blood pressure - mm
64	BMIZ_B	Num	8	BL Body mass index z-score
65	BMIZ_F	Num	8	Week 52 Body mass index z-score
66	BMIZ_D	Num	8	Week 52-BL Body mass index z-score
67	PPHYS_B	Num	8	BL Peds QOL Parent Report - Physical hea
68	PSOC_B	Num	8	BL Peds QOL Parent Report - Psychosocial
69	PPHYS_F	Num	8	Week 52 Peds QOL Parent Report - Physica
70	PSOC_F	Num	8	Week 52 Peds QOL Parent Report - Psychos
71	PPHYS_D	Num	8	Week 52-BL Peds QOL Parent Report - Phys
72	PSOC_D	Num	8	Week 52-BL Peds QOL Parent Report - Psyc
73	CPHYS_B	Num	8	BL Peds QOL Self Report - Physical healt
74	CSOC_B	Num	8	BL Peds QOL Self Report - Psychosocial h
75	CPHYS_F	Num	8	Week 52 Peds QOL Self Report - Physical

Num	Variable	Type	Len	Label
76	CSOC_F	Num	8	Week 52 Peds QOL Self Report - Psychosoc
77	CPHYS_D	Num	8	Week 52-BL Peds QOL Self Report - Physic
78	CSOC_D	Num	8	Week 52-BL Peds QOL Self Report - Psycho

Data Set Name: table4.sas7bdat

Num	Variable	Type	Len	Label
1	ID	Char	4	CyNCh Limited Use Dataset ID number
2	CLINIC_W	Char	7	Clinic and weight stratum
3	TX	Char	4	Treatment group
4	WT_STRAT	Num	8	Weight group, 1=<=65 kg, 2=65-80kg, 3=>8
5	BSTEATO	Num	8	Baseline Steatosis score - scale 0-3
6	BLOBINF	Num	8	Baseline Lobular inflammation score - sc
7	BPORTINF	Num	8	Baseline Portal inflammation score - sca
8	BBALL	Num	8	Baseline Ballooning score - scale 0-2
9	BFIB	Num	8	Baseline Fibrosis score - scale 0-4
10	BNAS	Num	8	Baseline NAFLD activity score - scale 0-
11	DNAS	Num	8	Week 52 - BL NAFLD activity score
12	DFIB	Num	8	Week 52 - BL Fibrosis score
13	IMPROVE	Num	8	Histologic improvement in completers 0=n
14	IMPROVE2	Num	8	Histologic improvement - primary outcome
15	DSTEATO	Num	8	Week 52 - BL Steatosis score
16	DLOBINF	Num	8	Week 52 - BL Lobular inflammation score
17	DPORTINF	Num	8	Week 52 - BL Portal inflammation score
18	DBALL	Num	8	Week 52 - BL Ballooning score
19	IMPSTEAT	Num	8	Improvement in Week 52 Steatosis score 0
20	IMPLOBIN	Num	8	Improvement in Week 52 Lobular inflammat
21	IMPPORTI	Num	8	Improvement in Week 52 Portal inflammati
22	IMPBALL2	Num	8	Improvement in Week 52 Ballooning score
23	IMPFIB2	Num	8	Improvement in Week 52 Fibrosis score 0=
24	CYST	Num	8	Treatment group, 1=Cyst, 0=Plbo
25	AST_B	Num	8	BL AST - U/L
26	ALT_B	Num	8	BL ALT - U/L
27	AST_D	Num	8	Week 52-BL AST - U/L
28	ALT_D	Num	8	Week 52-BL ALT - U/L
29	BMIZ_B	Num	8	BL Body mass index z-score
30	BMIZ_D	Num	8	Week 52-BL Body mass index z-score
31	ADHERENT	Num	8	Adherent to study dose (>80% study drug
32	WT_BIN	Num	8	Binary wt stratum: 0=<=65kg, 1=>65kg

Data Set Name: table5_all.sas7bdat

Num	Variable	Type	Len	Label
1	ID	Char	4	CyNCh Limited Use Dataset ID number
2	CLINIC_W	Char	7	Clinic and weight stratum
3	TX	Char	4	Treatment group
4	VISIT	Char	3	Visit code
5	SAE	Num	8	Serious adverse event, 1=yes, 2=no
6	AUDITORY	Num	8	Auditory/ear, 1=yes, 0=no
7	ALLERGY	Num	8	Allergy/immunologic, 1=yes, 0=no
8	OCULAR	Num	8	Ocular/visual, 1=yes, 0=no
9	HEPATOBI	Num	8	Hepatobiliary/pancreatic, 1=yes, 0=no
10	INFECTIO	Num	8	Infection, 1=yes, 0=no
11	CONSTITU	Num	8	Constitutional sxs, 1=yes, 0=no
12	PSYCHIAT	Num	8	Psychiatric, 1=yes, 0=no
13	CARDIOVA	Num	8	Cardiovascular, 1=yes, 0=no
14	DERMATOL	Num	8	Dermatology/skin, 1=yes, 0=no
15	ENDOCRIN	Num	8	Endocrine/matabolic, 1=yes, 0=no
16	GASTROIN	Num	8	Gastrointestinal/digestive, 1=yes, 0=no
17	LYMPHATI	Num	8	Lymphatic/blood, 1=yes, 0=no
18	MUSCULOS	Num	8	Musculoskeletal, 1=yes, 0=no
19	NEUROLOG	Num	8	Neurologic, 1=yes, 0=no
20	PULMONAR	Num	8	Pulmonary/respiratory, 1=yes, 0=no
21	RENAL	Num	8	Renal/genitourinary, 1=yes, 0=no
22	SEXUAL	Num	8	Sexual/reproductive, 1=yes, 0=no
23	OTHERSYS	Num	8	Other body system, 1=yes, 0=no
24	EVENT_DT	Num	8	Event date, calculated as days from rand

Data Set Name: table5_allsae.sas7bdat

Num	Variable	Type	Len	Label
1	ID	Char	4	CyNCh Limited Use Dataset ID number
2	CLINIC_W	Char	6	Clinic and weight stratum
3	TX	Char	4	Treatment group
4	FORMDATE	Num	8	Date of report
5	VISIT	Char	3	Visit code
6	SAE	Num	8	Serious adverse event, 1=yes, 2=no
7	AUDITORY	Num	8	Auditory/ear, 1=yes, 0=no
8	ALLERGY	Num	8	Allergy/immunologic, 1=yes, 0=no
9	OCULAR	Num	8	Ocular/visual, 1=yes, 0=no
10	HEPATOBI	Num	8	Hepatobiliary/pancreatic, 1=yes, 0=no
11	INFECTIO	Num	8	Infection, 1=yes, 0=no
12	CONSTITU	Num	8	Constitutional sxs, 1=yes, 0=no
13	PSYCHIAT	Num	8	Psychiatric, 1=yes, 0=no
14	CARDIOVA	Num	8	Cardiovascular, 1=yes, 0=no
15	DERMATOL	Num	8	Dermatology/skin, 1=yes, 0=no
16	ENDOCRIN	Num	8	Endocrine/matabolic, 1=yes, 0=no
17	GASTROIN	Num	8	Gastrointestinal/digestive, 1=yes, 0=no
18	LYMPHATI	Num	8	Lymphatic/blood, 1=yes, 0=no
19	MUSCULOS	Num	8	Musculoskeletal, 1=yes, 0=no
20	NEUROLOG	Num	8	Neurologic, 1=yes, 0=no
21	PULMONAR	Num	8	Pulmonary/respiratory, 1=yes, 0=no
22	RENAL	Num	8	Renal/genitourinary, 1=yes, 0=no
23	SEXUAL	Num	8	Sexual/reproductive, 1=yes, 0=no
24	OTHERSYS	Num	8	Other body system, 1=yes, 0=no

Data Set Name: table5_onerec.sas7bdat

Num	Variable	Type	Len	Label
1	ID	Char	4	CyNCh Limited Use Dataset ID number
2	CLINIC_W	Char	7	Clinic and weight stratum
3	TX	Char	4	Treatment group
4	EVERAUDI	Num	8	Auditory/ear, 1=yes, 0=no
5	EVERALLE	Num	8	Allergy/immunologic, 1=yes, 0=no
6	EVEROCUL	Num	8	Ocular/visual, 1=yes, 0=no
7	EVERHEPA	Num	8	Hepatobiliary/pancreatic, 1=yes, 0=no
8	EVERINFE	Num	8	Infection, 1=yes, 0=no
9	EVERCONS	Num	8	Constitutional sxs, 1=yes, 0=no
10	EVERPSYC	Num	8	Psychiatric, 1=yes, 0=no
11	EVERCARD	Num	8	Cardiovascular, 1=yes, 0=no
12	EVERDERM	Num	8	Dermatology/skin, 1=yes, 0=no
13	EVERENDO	Num	8	Endocrine/matabolic, 1=yes, 0=no
14	EVERGAST	Num	8	Gastrointestinal/digestive, 1=yes, 0=no
15	EVERLYMP	Num	8	Lymphatic/blood, 1=yes, 0=no
16	EVERMUSC	Num	8	Musculoskeletal, 1=yes, 0=no
17	EVERNEUR	Num	8	Neurologic, 1=yes, 0=no
18	EVERPULM	Num	8	Pulmonary/respiratory, 1=yes, 0=no
19	EVERRENA	Num	8	Renal/genitourinary, 1=yes, 0=no
20	EVERSEXU	Num	8	Sexual/reproductive, 1=yes, 0=no
21	EVEROTHE	Num	8	Other body system, 1=yes, 0=no

Data Set Name: table5_onerecsae.sas7bdat

Num	Variable	Type	Len	Label
1	ID	Char	4	CyNCh Limited Use Dataset ID number
2	CLINIC_W	Char	7	Clinic and weight stratum
3	TX	Char	4	Treatment group
4	EVERAUDI	Num	8	Auditory/ear, 1=yes, 0=no
5	EVERALLE	Num	8	Allergy/immunologic, 1=yes, 0=no
6	EVEROCUL	Num	8	Ocular/visual, 1=yes, 0=no
7	EVERHEPA	Num	8	Hepatobiliary/pancreatic, 1=yes, 0=no
8	EVERINFE	Num	8	Infection, 1=yes, 0=no
9	EVERCONS	Num	8	Constitutional sxs, 1=yes, 0=no
10	EVERPSYC	Num	8	Psychiatric, 1=yes, 0=no
11	EVERCARD	Num	8	Cardiovascular, 1=yes, 0=no
12	EVERDERM	Num	8	Dermatology/skin, 1=yes, 0=no
13	EVERENDO	Num	8	Endocrine/matabolic, 1=yes, 0=no
14	EVERGAST	Num	8	Gastrointestinal/digestive, 1=yes, 0=no
15	EVERLYMP	Num	8	Lymphatic/blood, 1=yes, 0=no
16	EVERMUSC	Num	8	Musculoskeletal, 1=yes, 0=no
17	EVERNEUR	Num	8	Neurologic, 1=yes, 0=no
18	EVERPULM	Num	8	Pulmonary/respiratory, 1=yes, 0=no
19	EVERRENA	Num	8	Renal/genitourinary, 1=yes, 0=no
20	EVERSEXU	Num	8	Sexual/reproductive, 1=yes, 0=no
21	EVEROTHE	Num	8	Other body system, 1=yes, 0=no

Data Set Name: tx.sas7bdat

Num	Variable	Type	Len	Label
1	id	Char	4	CyNCh Limited Use Dataset ID number
2	Tx	Char	4	Treatment group: Cyst=Cysteamine bitartrate; Plbo=Placebo