

Assent of a 16-17 Year-Old to Participate in Cannabis Research Study

Introduction

With the recent legalization of Cannabis, and observed increased use of cannabis by our OS sedation population, we have been evaluating a Pre-Sedation Cannabis Use Score (PCUS) questionnaire to delineate cannabis use and stratify the patients accordingly. We noted also that some adolescents do acknowledge cannabis use also on the routine pre-sedation evaluation. We have previously reported increased sedation needs with our on-going PCUS research study and felt that we would like to explore the prevalence and extent of cannabis usage within the adolescent population also. Of note, cannabis usage can be associated with adverse effects during sedation for dental procedures. We decided to add adolescent patients (16-17 years) to the recruitment protocol with an IRB amendment.

Also the stratification of patients according to their Cannabis use appears to be useful in determining the appropriate sedation dosing and adjunct sedation medication use.

AIM of the study: Create a consent process that allows us to recruit adolescent patients for participation in this study.

Methods

Although cannabis use is legal for adult recreational use in NY state, obtaining consent for information concerning an adolescent's (legally a Minor) use of marijuana was challenging. This required discussion with the IRB and careful preparation of the consent process to ensure that both the parent/guardian and the adolescents' wishes were considered. [Figure 1](#) shows the two step process we used for the consent process. Parents were asked for parental permission (1A) for the adolescent to complete the questionnaire (1B). The adolescent was asked if they would participate (2A) and then if they mind if their parents see the questionnaire after completion (2B). This results in 6 possible recruitment outcomes, in three

of these outcomes (**green**) then recruitment is possible. We also continued to recruit for the previously approved component of this study, alongside. This was achieved using the 25 item questionnaire ([Figure 2](#)) that was completed before the IV was placed. Procedure details, sedation requirements and outcomes were recorded from the sedation record.

Figure 2: Pages 1 and 3 of the Full Questionnaire

Subject ID: _____

PRE-SEDATION ADULT CANNABIS USE SURVEY
Cannabis use can affect how you respond to sedation, and cannabis use patterns may determine that we choose a different sedation regimen to best meet your sedation needs. As such, we appreciate your cooperation in this pre-sedation questionnaire.

Instructions: Please read each of the following questions and mark the response alternative that best describes your use of cannabis. Note that this survey contains 16 items used to determine marijuana, cannabis consumption, and cannabis-related effects.

A. How often you use cannabis? (Please check one response.)

1. How often do you use cannabis?
a. Never
b. Less than once a week
c. Once a week
d. 2-3 times a week
e. 4-5 times a week
f. 6-7 times a week
g. 8-9 times a week
h. 10-11 times a week
i. 12-13 times a week
j. 14-15 times a week
k. 16-17 times a week
l. 18-19 times a week
m. 20-21 times a week
n. 22-23 times a week
o. 24-25 times a week
p. 26-27 times a week
q. 28-29 times a week
r. 30-31 times a week
s. 32-33 times a week
t. 34-35 times a week
u. 36-37 times a week
v. 38-39 times a week
w. 40-41 times a week
x. 42-43 times a week
y. 44-45 times a week
z. 46-47 times a week
aa. 48-49 times a week
ab. 50-51 times a week
ac. 52-53 times a week
ad. 54-55 times a week
ae. 56-57 times a week
af. 58-59 times a week
ag. 60-61 times a week
ah. 62-63 times a week
ai. 64-65 times a week
aj. 66-67 times a week
ak. 68-69 times a week
al. 70-71 times a week
am. 72-73 times a week
an. 74-75 times a week
ao. 76-77 times a week
ap. 78-79 times a week
aq. 80-81 times a week
ar. 82-83 times a week
as. 84-85 times a week
at. 86-87 times a week
au. 88-89 times a week
av. 90-91 times a week
aw. 92-93 times a week
ax. 94-95 times a week
ay. 96-97 times a week
az. 98-99 times a week
ba. 100-101 times a week
bb. 102-103 times a week
bc. 104-105 times a week
bd. 106-107 times a week
be. 108-109 times a week
bf. 110-111 times a week
bg. 112-113 times a week
bh. 114-115 times a week
bi. 116-117 times a week
bj. 118-119 times a week
bk. 120-121 times a week
bl. 122-123 times a week
bm. 124-125 times a week
bn. 126-127 times a week
bo. 128-129 times a week
bp. 130-131 times a week
bq. 132-133 times a week
br. 134-135 times a week
bs. 136-137 times a week
bt. 138-139 times a week
bu. 140-141 times a week
bv. 142-143 times a week
bw. 144-145 times a week
bx. 146-147 times a week
by. 148-149 times a week
bz. 150-151 times a week
ca. 152-153 times a week
cb. 154-155 times a week
cc. 156-157 times a week
cd. 158-159 times a week
ce. 160-161 times a week
cf. 162-163 times a week
cg. 164-165 times a week
ch. 166-167 times a week
ci. 168-169 times a week
cj. 170-171 times a week
ck. 172-173 times a week
cl. 174-175 times a week
cm. 176-177 times a week
cn. 178-179 times a week
co. 180-181 times a week
cp. 182-183 times a week
cq. 184-185 times a week
cr. 186-187 times a week
cs. 188-189 times a week
ct. 190-191 times a week
cu. 192-193 times a week
cv. 194-195 times a week
cw. 196-197 times a week
cx. 198-199 times a week
cy. 200-201 times a week
cz. 202-203 times a week
da. 204-205 times a week
db. 206-207 times a week
dc. 208-209 times a week
dd. 210-211 times a week
de. 212-213 times a week
df. 214-215 times a week
dg. 216-217 times a week
dh. 218-219 times a week
di. 220-221 times a week
dj. 222-223 times a week
dk. 224-225 times a week
dl. 226-227 times a week
dm. 228-229 times a week
dn. 230-231 times a week
do. 232-233 times a week
dp. 234-235 times a week
dq. 236-237 times a week
dr. 238-239 times a week
ds. 240-241 times a week
dt. 242-243 times a week
du. 244-245 times a week
dv. 246-247 times a week
dw. 248-249 times a week
dx. 250-251 times a week
dy. 252-253 times a week
dz. 254-255 times a week
ea. 256-257 times a week
eb. 258-259 times a week
ec. 260-261 times a week
ed. 262-263 times a week
ee. 264-265 times a week
ef. 266-267 times a week
eg. 268-269 times a week
eh. 270-271 times a week
ei. 272-273 times a week
ej. 274-275 times a week
ek. 276-277 times a week
el. 278-279 times a week
em. 280-281 times a week
en. 282-283 times a week
eo. 284-285 times a week
ep. 286-287 times a week
eq. 288-289 times a week
er. 290-291 times a week
es. 292-293 times a week
et. 294-295 times a week
eu. 296-297 times a week
ev. 298-299 times a week
ew. 300-301 times a week
ex. 302-303 times a week
ey. 304-305 times a week
ez. 306-307 times a week
fa. 308-309 times a week
fb. 310-311 times a week
fc. 312-313 times a week
fd. 314-315 times a week
fe. 316-317 times a week
ff. 318-319 times a week
fg. 320-321 times a week
fh. 322-323 times a week
fi. 324-325 times a week
fj. 326-327 times a week
fk. 328-329 times a week
fl. 330-331 times a week
fm. 332-333 times a week
fn. 334-335 times a week
fo. 336-337 times a week
fp. 338-339 times a week
fq. 340-341 times a week
fr. 342-343 times a week
fs. 344-345 times a week
ft. 346-347 times a week
fu. 348-349 times a week
fv. 350-351 times a week
fw. 352-353 times a week
fx. 354-355 times a week
fy. 356-357 times a week
fz. 358-359 times a week
ga. 360-361 times a week
gb. 362-363 times a week
gc. 364-365 times a week
gd. 366-367 times a week
ge. 368-369 times a week
gf. 370-371 times a week
gg. 372-373 times a week
gh. 374-375 times a week
gi. 376-377 times a week
gj. 378-379 times a week
gk. 380-381 times a week
gl. 382-383 times a week
gm. 384-385 times a week
gn. 386-387 times a week
go. 388-389 times a week
gp. 390-391 times a week
gq. 392-393 times a week
gr. 394-395 times a week
gs. 396-397 times a week
gt. 398-399 times a week
gu. 400-401 times a week
gv. 402-403 times a week
gw. 404-405 times a week
gx. 406-407 times a week
gy. 408-409 times a week
gz. 410-411 times a week
ha. 412-413 times a week
hb. 414-415 times a week
hc. 416-417 times a week
hd. 418-419 times a week
he. 420-421 times a week
hf. 422-423 times a week
hg. 424-425 times a week
hh. 426-427 times a week
hi. 428-429 times a week
hj. 430-431 times a week
hk. 432-433 times a week
hl. 434-435 times a week
hm. 436-437 times a week
hn. 438-439 times a week
ho. 440-441 times a week
hp. 442-443 times a week
hq. 444-445 times a week
hr. 446-447 times a week
hs. 448-449 times a week
ht. 450-451 times a week
hu. 452-453 times a week
hv. 454-455 times a week
hw. 456-457 times a week
hx. 458-459 times a week
hy. 460-461 times a week
hz. 462-463 times a week
ia. 464-465 times a week
ib. 466-467 times a week
ic. 468-469 times a week
id. 470-471 times a week
ie. 472-473 times a week
if. 474-475 times a week
ig. 476-477 times a week
ih. 478-479 times a week
ii. 480-481 times a week
ij. 482-483 times a week
ik. 484-485 times a week
il. 486-487 times a week
im. 488-489 times a week
in. 490-491 times a week
io. 492-493 times a week
ip. 494-495 times a week
iq. 496-497 times a week
ir. 498-499 times a week
is. 500-501 times a week
it. 502-503 times a week
iu. 504-505 times a week
iv. 506-507 times a week
iw. 508-509 times a week
ix. 510-511 times a week
iy. 512-513 times a week
iz. 514-515 times a week
ja. 516-517 times a week
jb. 518-519 times a week
jc. 520-521 times a week
jd. 522-523 times a week
je. 524-525 times a week
jf. 526-527 times a week
jg. 528-529 times a week
jh. 530-531 times a week
ji. 532-533 times a week
jj. 534-535 times a week
jk. 536-537 times a week
jl. 538-539 times a week
jm. 540-541 times a week
jn. 542-543 times a week
jo. 544-545 times a week
jp. 546-547 times a week
jq. 548-549 times a week
jr. 550-551 times a week
js. 552-553 times a week
jt. 554-555 times a week
ju. 556-557 times a week
jv. 558-559 times a week
jw. 560-561 times a week
jx. 562-563 times a week
jy. 564-565 times a week
jz. 566-567 times a week
ka. 568-569 times a week
kb. 570-571 times a week
kc. 572-573 times a week
kd. 574-575 times a week
ke. 576-577 times a week
kf. 578-579 times a week
kg. 580-581 times a week
kh. 582-583 times a week
ki. 584-585 times a week
kl. 586-587 times a week
km. 588-589 times a week
kn. 590-591 times a week
ko. 592-593 times a week
kp. 594-595 times a week
kq. 596-597 times a week
kr. 598-599 times a week
ks. 600-601 times a week
kt. 602-603 times a week
ku. 604-605 times a week
kv. 606-607 times a week
kw. 608-609 times a week
kx. 610-611 times a week
ky. 612-613 times a week
kz. 614-615 times a week
la. 616-617 times a week
lb. 618-619 times a week
lc. 620-621 times a week
ld. 622-623 times a week
le. 624-625 times a week
lf. 626-627 times a week
lg. 628-629 times a week
lh. 630-631 times a week
li. 632-633 times a week
lj. 634-635 times a week
lk. 636-637 times a week
ll. 638-639 times a week
lm. 640-641 times a week
ln. 642-643 times a week
lo. 644-645 times a week
lp. 646-647 times a week
lq. 648-649 times a week
lr. 650-651 times a week
ls. 652-653 times a week
lt. 654-655 times a week
lu. 656-657 times a week
lv. 658-659 times a week
lw. 660-661 times a week
lx. 662-663 times a week
ly. 664-665 times a week
lz. 666-667 times a week
ma. 668-669 times a week
mb. 670-671 times a week
mc. 672-673 times a week
md. 674-675 times a week
me. 676-677 times a week
mf. 678-679 times a week
mg. 680-681 times a week
mh. 682-683 times a week
mi. 684-685 times a week
mj. 686-687 times a week
mk. 688-689 times a week
ml. 690-691 times a week
mn. 692-693 times a week
mo. 694-695 times a week
mp. 696-697 times a week
mq. 698-699 times a week
mr. 700-701 times a week
ms. 702-703 times a week
mt. 704-705 times a week
mu. 706-707 times a week
mv. 708-709 times a week
mw. 710-711 times a week
mx. 712-713 times a week
my. 714-715 times a week
mz. 716-717 times a week
na. 718-719 times a week
nb. 720-721 times a week
nc. 722-723 times a week
nd. 724-725 times a week
ne. 726-727 times a week
nf. 728-729 times a week
ng. 730-731 times a week
nh. 732-733 times a week
ni. 734-735 times a week
nj. 736-737 times a week
nk. 738-739 times a week
nl. 740-741 times a week
nm. 742-743 times a week
nn. 744-745 times a week
no. 746-747 times a week
np. 748-749 times a week
nq. 750-751 times a week
nr. 752-753 times a week
ns. 754-755 times a week
nt. 756-757 times a week
nu. 758-759 times a week
nv. 760-761 times a week
nw. 762-763 times a week
nx. 764-765 times a week
ny. 766-767 times a week
nz. 768-769 times a week
oa. 770-771 times a week
ob. 772-773 times a week
oc. 774-775 times a week
od. 776-777 times a week
oe. 778-779 times a week
of. 780-781 times a week
og. 782-783 times a week
oh. 784-785 times a week
oi. 786-787 times a week
oj. 788-789 times a week
ok. 790-791 times a week
ol. 792-793 times a week
om. 794-795 times a week
on. 796-797 times a week
oo. 798-799 times a week
op. 800-801 times a week
oq. 802-803 times a week
or. 804-805 times a week
os. 806-807 times a week
ot. 808-809 times a week
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pb. 824-825 times a week
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pe. 830-831 times a week
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pj. 840-841 times a week
pk. 842-843 times a week
pl. 844-845 times a week
pm. 846-847 times a week
pn. 848-849 times a week
po. 850-851 times a week
pp. 852-853 times a week
pq. 854-855 times a week
pr. 856-857 times a week
ps. 858-859 times a week
pt. 860-861 times a week
pu. 862-863 times a week
pv. 864-865 times a week
pw. 866-867 times a week
px. 868-869 times a week
py. 870-871 times a week
pz. 872-873 times a week
qa. 874-875 times a week
qb. 876-877 times a week
qc. 878-879 times a week
qd. 880-881 times a week
qe. 882-883 times a week
qf. 884-885 times a week
qg. 886-887 times a week
qh. 888-889 times a week
qi. 890-891 times a week
qj. 892-893 times a week
qk. 894-895 times a week
ql. 896-897 times a week
qm. 898-899 times a week
qn. 900-901 times a week
qo. 902-903 times a week
qp. 904-905 times a week
qq. 906-907 times a week
qr. 908-909 times a week
qs. 910-911 times a week
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qu. 914-915 times a week
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rd. 932-933 times a week
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rj. 944-945 times a week
rk. 946-947 times a week
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rn. 952-953 times a week
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rp. 956-957 times a week
rq. 958-959 times a week
rr. 960-961 times a week
rs. 962-963 times a week
rt. 964-965 times a week
ru. 966-967 times a week
rv. 968-969 times a week
rw. 970-971 times a week
rx. 972-973 times a week
ry. 974-975 times a week
rz. 976-977 times a week
sa. 978-979 times a week
sb. 980-981 times a week
sc. 982-983 times a week
sd. 984-985 times a week
se. 986-987 times a week
sf. 988-989 times a week
sg. 990-991 times a week
sh. 992-993 times a week
si. 994-995 times a week
sj. 996-997 times a week
sk. 998-999 times a week
sl. 1000-1001 times a week
sm. 1002-1003 times a week
sn. 1004-1005 times a week
so. 1006-1007 times a week
sp. 1008-1009 times a week
sq. 1010-1011 times a week
sr. 1012-1013 times a week
ss. 1014-1015 times a week
st. 1016-1017 times a week
su. 1018-1019 times a week
sv. 1020-1021 times a week
sw. 1022-1023 times a week
sx. 1024-1025 times a week
sy. 1026-1027 times a week
sz. 1028-1029 times a week
ta. 1030-1031 times a week
tb. 1032-1033 times a week
tc. 1034-1035 times a week
td. 1036-1037 times a week
te. 1038-1039 times a week
tf. 1040-1041 times a week
tg. 1042-1043 times a week
th. 1044-1045 times a week
ti. 1046-1047 times a week
tj. 1048-1049 times a week
tk. 1050-1051 times a week
tl. 1052-1053 times a week
tm. 1054-1055 times a week
tn. 1056-1057 times a week
to. 1058-1059 times a week
tp. 1060-1061 times a week
tq. 1062-1063 times a week
tr. 1064-1065 times a week
ts. 1066-1067 times a week
tt. 1068-1069 times a week
tu. 1070-1071 times a week
tv. 1072-1073 times a week
tw. 1074-1075 times a week
tx. 1076-1077 times a week
ty. 1078-1079 times a week
tz. 1080-1081 times a week
ua. 1082-1083 times a week
ub. 1084-1085 times a week
uc. 1086-1087 times a week
ud. 1088-1089 times a week
ue. 1090-1091 times a week
uf. 1092-1093 times a week
ug. 1094-1095 times a week
uh. 1096-1097 times a week
ui. 1098-1099 times a week
uj. 1100-1101 times a week
uk. 1102-1103 times a week
ul. 1104-1105 times a week
um. 1106-1107 times a week
un. 1108-1109 times a week
uo. 1110-1111 times a week
up. 1112-1113 times a week
uq. 1114-1115 times a week
ur. 1116-1117 times a week
us. 1118-1119 times a week
ut. 1120-1121 times a week
uu. 1122-1123 times a week
uv. 1124-1125 times a week
uw. 1126-1127 times a week
ux. 1128-1129 times a week
uy. 1130-1131 times a week
uz. 1132-1133 times a week
va. 1134-1135 times a week
vb. 1136-1137 times a week
vc. 1138-1139 times a week
vd. 1140-1141 times a week
ve. 1142-1143 times a week
vf. 1144-1145 times a week
vg. 1146-1147 times a week
vh. 1148-1149 times a week
vi. 1150-1151 times a week
vj. 1152-1153 times a week
vk. 1154-1155 times a week
vl. 1156-1157 times a week
vm. 1158-1159 times a week
vn. 1160-1161 times a week
vo. 1162-1163 times a week
vp. 1164-1165 times a week
vq. 1166-1167 times a week
vr. 1168-1169 times a week
vs. 1170-1171 times a week
vt. 1172-1173 times a week
vu. 1174-1175 times a week
vv. 1176-1177 times a week
vw. 1178-1179 times a week
vx. 1180-1181 times a week
vy. 1182-1183 times a week
vz. 1184-1185 times a week
wa. 1186-1187 times a week
wb. 1188-1189 times a week
wc. 1190-1191 times a week
wd. 1192-1193 times a week
we. 1194-1195 times a week
wf. 1196-1197 times a week
wg. 1198-1199 times a week
wh. 1200-1201 times a week
wi. 1202-1203 times a week
wj. 1204-1205 times a week
wk. 1206-1207 times a week
wl. 1208-1209 times a week
wm. 1210-1211 times a week
wn. 1212-1213 times a week
wo. 1214-1215 times a week
wp. 1216-1217 times a week
wq. 1218-1219 times a week
wr. 1220-1221 times a week
ws. 1222-1223 times a week
wt. 1224-1225 times a week
wu. 1226-1227 times a week
wv. 1228-1229 times a week
ww. 1230-1231 times a week
wx. 1232-1233 times a week
wy. 1234-1235 times a week
wz. 1236-1237 times a week
xa. 1238-1239 times a week
xb. 1240-1241 times a week
xc. 1242-1243 times a week
xd. 1244-1245 times a week
xe. 1246-1247 times a week
xf. 1248-1249 times a week
xg. 1250-1251 times a week
xh. 1252-1253 times a week
xi. 1254-1255 times a week
xj. 1256-1257 times a week
xk. 1258-1259 times a week
xl. 1260-1261 times a week
xm. 1262-1263 times a week
xn. 1264-1265 times a week
xo. 1266-1267 times a week
xp. 1268-1269 times a week
xq. 1270-1271 times a week
xr. 1272-1273 times a week
xs. 1274-1275 times a week
xt. 1276-1277 times a week
xu. 1278-1279 times a week
xv. 1280-1281 times a week
xw. 1282-1283 times a week
xy. 1284-1285 times a week
xz. 1286-1287 times a week
ya. 1288-1289 times a week
yb. 1290-1291 times a week
yc. 1292-1293 times a week
yd. 1294-1295 times a week
ye. 1296-1297 times a week
yf. 1298-1299 times a week
yg. 1300-1301 times a week
yh. 1302-1303 times a week
yi. 1304-1305 times a week
yj. 1306-1307 times a week
yk. 1308-1309 times a week
yl. 1310-1311 times a week
ym. 1312-1313 times a week
yn. 1314-1315 times a week
yo. 1316-1317 times a week
yp. 1318-1319 times a week
yq. 1320-1321 times a week
yr. 1322-1323 times a week
ys. 1324-1325 times a week
yt. 1326-1327 times a week
yu. 1328-1329 times a week
yv. 1330-1331 times a week
yw. 1332-1333 times a week
yx. 1334-1335 times a week
yz. 1336-1337 times a week
za. 1338-1339 times a week
zb. 1340-1341 times a week
zc. 1342-1343 times a week
zd. 1344-1345 times a week
ze. 1346-1347 times a week
zf. 1348-1349 times a week
zg. 1350-1351 times a week
zh. 1352-1353 times a week
zi. 1354-1355 times a week
zj. 1356-1357 times a week
zk. 1358-1359 times a week
zl. 1360-1361 times a week
zm. 1362-1363 times a week
zn. 1364-1365 times a week
zo. 1366-1367 times a week
zp. 1368-1369 times a week
zq. 1370-1371 times a week
zr. 1372-1373 times a week
zs. 1374-1375 times a week
zt. 1376-1377 times a week
zu. 1378-1379 times a week
zv. 1380-1381 times a week
zw. 1382-1383 times a week
zx. 1384-1385 times a week
zy. 1386-1387 times a week
zz. 1388-1389 times a week

Figure 1. Summary of the Consent Process

