

Supplemental Table 1. List of non-opioid and opioid based medications identified and accounted for in the study.

Medication name in the electronic health record	Type of medication
asa	non-opioid
acephen	non-opioid
acetaminophen	non-opioid
tylenol	non-opioid
ibuprofen	non-opioid
naproxen	non-opioid
acetylsalicylic acid	non-opioid
actamin	non-opioid
acuflex	non-opioid
acular	non-opioid
aspirin	non-opioid
advil	non-opioid
aflaxen	non-opioid
anaprox	non-opioid
arthrotec	non-opioid
ascriptin	non-opioid
aspir	non-opioid
bufferin	non-opioid
cafgesic	non-opioid
cataflam	non-opioid
celebrex	non-opioid
celecoxib	non-opioid
clinoril	non-opioid
datril	non-opioid
diclofenac	non-opioid
diclo	non-opioid
diflunisal	non-opioid
dolobid	non-opioid
duexis	non-opioid
naprosyn	non-opioid
etodalac	non-opioid
fasprin	non-opioid
feldene	non-opioid
feverall	non-opioid
flexin	non-opioid
genapap	non-opioid

genebs	non-opioid
halfprin	non-opioid
indocin	non-opioid
indomethacin	non-opioid
ketoprofen	non-opioid
ketorolac	non-opioid
lofensaid	non-opioid
mapap	non-opioid
meclofenamate	non-opioid
mejoralito	non-opioid
midol	non-opioid
miniprin	non-opioid
mobic	non-opioid
motrin	non-opioid
nabumeton	non-opioid
nabumetone	non-opioid
naprelan	non-opioid
naprosyn	non-opioid
neoprofen	non-opioid
nsaid	non-opioid
nonsteroidal antiinflammatory drug	non-opioid
norgesic	non-opioid
tolmetin	non-opioid
ofirmev	non-opioid
orudis	non-opioid
oruvail	non-opioid
oxaprozin	non-opioid
panadol	non-opioid
paracetamol	non-opioid
piroxicam	non-opioid
proflex	non-opioid
relafen	non-opioid
salsalate	non-opioid
voltaren	non-opioid
solaraze	non-opioid
sprix	non-opioid
sulin	non-opioid
sulindac	non-opioid
talacen	non-opioid
tempra	non-opioid

tivorbex	non-opioid
tolmetin	non-opioid
toradol	non-opioid
vimovo	non-opioid
vistra	non-opioid
voltaren	non-opioid
zipsor	non-opioid
zorvolex	non-opioid
apap	non-opioid
etodolac	non-opioid
asprin	non-opioid
etodolac er	non-opioid
acetaminophen	non-opioid
ibu	non-opioid
ibu - 200	non-opioid
indometacin	non-opioid
non - steroidal anti - inflammatory drug	non-opioid
bayer back and body pain	non-opioid
etodolac 400mg	non-opioid
etodolac 500 mg tablet	non-opioid
nonsteroidal antiinflammatory agent	non-opioid
etodolac 400 mg	non-opioid
ibuprohm	non-opioid
hydromorphone	opioid
percocet	opioid
demerol	opioid
hydrocodone	opioid
morphine	opioid
fentanyl	opioid
oxycodone	opioid
loratab	opioid
darvocet	opioid
abstral	opioid
codeine	opioid
dihydrocodeine	opioid
propoxyphene	opioid
tramadol	opioid
balacet	opioid
lorcet	opioid

maxidone	opioid
norco	opioid
roxicet	opioid
tylox	opioid
ultracet	opioid
ultram	opioid
vicodin	opioid
zamicet	opioid
actiq	opioid
anexsia	opioid
avinza	opioid
bitex	opioid
brontex	opioid
combunox	opioid
contin	opioid
meperidine	opioid
darvon	opioid
dilaudid	opioid
duragesic	opioid
duramorph	opioid
embeda	opioid
endal	opioid
endocet	opioid
exalgo	opioid
fentora	opioid
methadone	opioid
hycet	opioid
hycodan	opioid
hycomine	opioid
hydroc0done	opioid
hydromet	opioid
ibudone	opioid
vicoprofen	opioid
infumorph	opioid
kadian	opioid
maxidone	opioid
meperitab	opioid
oramorph	opioid
opana	opioid
oxy ir	opioid

oxycontin	opioid
oxyfast	opioid
oxymorphone	opioid
palladone	opioid
panasal	opioid
pentazocine	opioid
phenylhistine	opioid
primalev	opioid
primlev	opioid
propacet	opioid
propoxyphene	opioid
protex	opioid
remifentanyl	opioid
reprexain	opioid
rezira	opioid
roxanol	opioid
roxicet	opioid
roxicodone	opioid
stagesic	opioid
sublimaze	opioid
subsys	opioid
synalgos	opioid
trezix	opioid
triant	opioid
tussicaps	opioid
tussigon	opioid
tussionex	opioid
vituz	opioid
xodol	opioid
zamicet	opioid
zolvit	opioid
zomig	opioid
zutripro	opioid
zydone	opioid
mar - cof cg	opioid
dolophine	opioid
phentanyl	opioid
hydrocodon	opioid
eth - oxydose	opioid
ms-ir 15mg	opioid

methadose	opioid
ms 54	opioid
tyl # 3	opioid
oxydose	opioid
hydromorphon	opioid
morphia	opioid
xolox	opioid
astramorph	opioid
oxycone	opioid
morph	opioid
duromorph	opioid
co - gestic	opioid
kgs hc	opioid