

Alcohol Consumption for People Admitted in French Emergency Departments: A Protocol for a Multi-Center Cluster Trial

'H &KDJHURQ*HORQ 7 &KDOPHRQ 0 &DUSHQWLHU) 0RXVWDID) 9LDOORQ \$ -DFRE ; /HVDJH 3 5DJRQQ
/ORUFD 30 DQG %URXVVH *

&HQWUH +RVSLWDOLHU 8QLYHUVLWDLUH GH &OHUPRQW)HUUDQG &OHUPRQW)HUUDQG)UDQFH

&RUUHVSRRGLQH &KHURQ , &HQWUH +RVSLWDOLHU 8QLYHUVLWDLUH GH &OHUPRQW)HUUDQG &OHUPRQW
(PDLO LGHFKDJHURQ#FKX.FOHUPRQWIHUUDQG.IU

5HFHLYHG 100% DWH \$FFHSHWG 100% DWH 3XEOLVKHG 100% DWH

&RSULJKW 'H &KDJHURQ , HW DO 7KLV LV DQ RSHQ DFFHVV DUWLFOH GLVWULEXWHG XQGHU WKH W
XQUHVWULFWHG XVH GLVWULEXWLRQ DQG UHSURGXFWLRQ LQ DQ\ PHGLXP SURYLGHG WKH RULJLQDQ

\$EVWUD W
%DFNJ
\$FFRU LQJ WR

H

UHSRUW E\ WKH :RUO

ò

€

QVX`DX pL p QF&WHLQ LP W&WDLK RWQRHAWOP VAKHE @ QF&KPA pLDpAV BUJ €O U Q

KDOI KDYH SUHVHQWHG SDWKRORJLFDQXPEGUVXRSWDRQHRQWDOFRGRVOKHUUDM LRVCH
DEXVH RU GHSHQHGHQVFKHD'60 ,9a75 ORRW WVKHGLDWLVQRI WKH ('dV DFWLYLW\ GXU
WKH (' KDYH EHHQ FRQGXFWHG DFURVSDWKHSHWODFRPLFQJ WR@WQHG ('KILCKOMKJKV\$\$
VHYHUDO NH\ SRLQWV)LUVW SDWLHQWOLDFLPHWVHIGWHOWB WCGI HIRHUJHDFW RU SB
KDYH UHSRURWHGKLRUEHYHOV RI DOFRKROHGFVQWKPUSXLVRRHQW SRWHQWLDQ DV
FRPSDUHG WR SDWLHQWV LQ WKH JHQHDO SRSXODWLRQ RI SDWLHQWV
DGPLWWHG WRFQDZFKVGHGHLQJ DQ DOFRKROHGFVQWKPUSXLVRRHQW 'DWD &ROOHFWLRC
DOFRKRO GHSHQGHQW RU PD\ SUHVHQW ZLWK DQ DOFRKRO XVH GLVRUGHUg
DFFRUGLQJ WR WKH '60 a > @)JRWVLEHDFHGXVWHUUDIRGRVWLPDPSOLKJ GHVLJQ D
DUH WKDW WKH (' LV D IURQWOLQH DFFHVVHWRVFRDURGRGWSHRSYGVVWQWDRXQX
UHVRXUFHV FRPSDUHG WR WKH JHQHDO SRSXODWLRQ DOG DQG SDWLHQWV DGPLWWHG LQ WKH
)QDQFLDORXUFHV IRU QRQ ('RWHQDFHGFVQWKPUSXLVRRHQW 'DWD &ROOHFWLRC
DOFRKRO SUREOHPV > @)LQDOO\ H[LVVHDFHGFVQWKPUSXLVRRHQW > PD\ @H
OLQNHG WR D KLJKHU ULVN IRU DFXWH PHGLDOWRQGLYXUJLFRQHRHQW HFRWJR
LQ VLWXDWLRQV RI DOFRKRO DEXVH FRGHVSHQGHGHWFRXWKDQVHFRWJHGFVQWKPUSXLVRRHQW
TXDQWLWDWLYH PLVXVH > @
VXJJHVWHG WR WKH SDWLHQWV 3DWLHQW

+RZHYHU WKHUH DUH IHZ HSLGHPLRORJLFDQXPEGUVXRSWDRQHRQWDOFRGRVOKHUUDM LRVCH
)UHQFK ('V HWSHFFVDFHGFVQWKPUSXLVRRHQW UHJLRQVDFHGFVQWKPUSXLVRRHQW
5K1QH \$OSHV ZKLFKLGHDQWIDYEGHKOYLQSDUWFLFLSDWH LQ WKH VWXG\ DQG WKH SF
GLVSURSRUWLRQDWHO\ KLJKHU SUHYDOHFRGHVSHQGHGHWFRXWKDQVHFRWJHGFVQWKPUSXLVRRHQW
WR RWKHU UHJLRQV > @
VWXG\ LQFOXGHV RQH YLVLW SHU SHUVRQ
TXHVWLRQV UHODWHG WR VRFLR GHPRJU
SUHVHQWLQJ WR WKH (' SDWLHQW DGPLV
RQ IUHTXHQF\ DQG DYHUDJH YROXH RI

2EMHFWLYHV

H PDLQ REMHFWLYH LV WR FDUU\ RSWUDQFLSDGHVLRZLQJ FHOJ\$YHXW KURIH D)
DOFRKRO FRQVXPSWLRQ LQ WKH HPHU\$HOF\ & UR\$P(RDQVGHVGHK1Q\$3\$OSH4) 'DWD
\$XYHUJQH \$\$\$ LQWHUJLRQ SDUWL\$XIDRURHKEKRRJKHGFDFWXPDPHCKR ZLOC
VSHFD)FXWH PHGLFDO HYHQWV DQG EDQGHVGLRQWLRQVSKHWWRHQVHQF\ XQLW RY
VHFRQGDU\ REMHFWLYH LV WR VHDFK ZRQDQGL\$BDRRQVRIKDDDPXOVLORRWRROWXK
SDWLHQWV LQ WKH HPHUJHQF\ URRP XVHG IRU WKLV LQWHU UHJLRQ
6WXG\ 0HDVXUHV

0HWKRGV DQG \$QDO\VLV

6RFLRGHPRJUDSKLF DQG *HQHUDO 'DW

6WXG\ 'HVLJQ

'DWD FROOHFWHG RQ VRFLRGHPRJUDSKL

LVLV D QDWXUDOLVWLF REVHUVDWLRQDQWGLVWVWVWYH DQXPEGUVXRSWDRQHRQWDOFRGRVOKHUUDM LRVCH
KXPDQ EHLQJV ,W FRQVLVWV RI D FRQVHMLRQRPLFOLVDFWQVYDUIDVROHVVWRCH D
SDWLHQWV DGPLWWHG LQ WKH ('V RI WDMR5\$HGFVQWKPUSXLVRRHQW JUHDWHU WKDQ
DFFHVVHV SHU PRQW QDPHO\ WKR VH RI WKH 8QLYHUVLW\ +RVSLWDO RI
&OHUPRQW)HUUDQG 6DLQW (WLHQQH \$OFFKROH & RGRXDP\$WHLRQ LRVW KRVSLWDO
DQG QRWK KRVSLWDO JURXS LQ WKH /RQ DQG &KDPEHU\ KRVSLWDOV
UHJLRQ FRQVLVWV RI VHYHUDO FLWLHV UHSUHVHQW TXHVWLRQVSDPHQVYVHG GL
PLOORQ LQKDELWDQWV OLYLQJ LQ XUEDQ DQG UXUDO DUHDV ,W LV DOVR WKH
HFRQRPLF JRQH RI)UDQFH \$Q DOWHUQDWLYH PHWKRQ RI FOXVWHU VDPSOLQJ
ZLOO EH QV)HOKZHWDUJHW SRSXODWLRQ DV DOO SDWLHQWV DGPLWWHG WR
WKH HPHUJHQF\ GHSDUWPHQW ZLW\$HQOWKH LQWHU UHJLRQ GHPDUFDFWHG E\
GH)QGLPLWV RI WHUULWRU\ IRU WKH KHDOWK LQWHU UHJLRQ ERXQGDUHV

6WXG\ 3DUWLFLSDQWV

H SURSRVHG VWXG\ SDUWLFLSDQWV PDOH DQG IHPDOH ZLOO LQFOXGH
WKR VH DJHG \HUV RU ROGHU ZKR DJUHH WR SDUWLFLSDWH LQ WKH VWXG\ XSP
DGPLVLRQ WR WKH (' LQ RQH RI WKH VL[KRVSLWDOV QDPHG DERYH (OLJLEOH
SDWLHQWV ZLWK VRPDWLF VHULRXV OLIH WKUHDWHQLQJ HPHUJHQFLHV
SV\FKLDWULF DQG FRJQLWLYH VWDWHV RU WKR VH KDYLQJ D ODQJXDJH EDUULH
SUHYHQWLQJ WKHP IURP FRPSOHWLQJ WKH TXHVWLRQDULHV ZLOO EH H[FOXGHG

6DPSOH 6L]H

H QXPEHU RI DFFHVVHV LV HVWLPDWHG DW SDWLHQWV SHU GD\ SHU
LQVWLWXWLRQ IRU WKH &OHUPRQW)HUUDQG *UHOREOH /RQ DQG 6DLQW
(WLHQQH KRVSLWDOV DQG DERXW HSHU GD\ IRU WKH &KDPEHU\ KRVSLWDO

&\$*(> @

H)UHQFK WUDQVO~~DXWR~~RR\H\$*(*XLOW\ (\H
RSHQHU SURSRVHG E\ (ZLQJ > @ ZKLFK LQFOXGHV IRXU LVVXHV UHVROXWHO\
RULHQWHG WRZDUGV WKH VHDFK IRU DOFRKRO PLVXVH H[SORUHV WKH ZKROH C
RI WKH SHUVRQ +DYH \RX HYHU IHOW \RX VKRXOG FXW GRZQ RQ \RXU
GULQNLQJ" +DYH SHRSOH DQQR\HG \RX DERXW \RXU GULQNLQJ" +DYH
\RX HYHU IHOW EDG RU JXLOW\ DERXW \RXU GULQNLQJ" +DYH \RX HYHU KDG
D GULQN

VHUYLEFHV ZRXOG OHDG WR VSHFLDOLVW FRQVXOWDWLRQV GXULQJ WKH ZHHN IRU
RI WKH SDWLHQWV SRVVLEO\ UHGXFQJ FRQVXPSWLRQ LQ D TXDUWHU RI WKH FD
> @

ORVW VKRUW TXHVWLRQQDLUHV XVHG GDLO\ E\ FOLQLFLDQV LQ WKH (' DUH
EDVHG RQ D TXDOLWDWLYH DSSURDFK DQG LQ SDUWLFXODU DGGUHVW WKH
SV\FKRORJLFDO GLVRUGHUV DQG VRFLDO GDPDJH FDXVHG E\ FRQVXPSWLRQ
2QH H[DPSOH LV WKH 5\$36 HT<SSWRERQDLUH > @
DVVHVVLQJ DOFRKRO GHSHQGHQFH WKURXJK GDPDJH FDXVHG E\ DOFRKRO PHHW
WKH SUGMLQXWURQLGHG LQ WKH '60a,9 > @ +RZHYHU
TXDOLWDWLYH WRROV XQGHUHVWLPDWH VRPH SUREOHPDWLF FRQVXPSWLRQ
EHKDYLRUV OLNH GULQNLQJ KHDYLO\ RQ D IUHTXHQW EDVLV RU ELQJH GULQNLQ
> a @ ,Q WKH VDPH ZD\ TXDOLWDWLYH WHVW VXFK DV WKH &\$*(RU 5\$36
> @ SUHVHQW ORZHU LQWHUHVW LQ VFUHHQLQJ IRU DEXVH DQG DUH SRRU DV
GHWHFWLQJ DW ULVN XVH &PELQHG TXDQWLWDWLYH DQG TXDOLWDWLYH WHVW
WKH 5\$36 a 4) ZLOO LQFUHDVH WKH VHQVLWLYLW\ RI GHWHFWLQJ RI WKH
PLVXVHU RU DW ULVN XVHV>HF@QVWUZHOOV DRQIRU ZKRP
IRU GULQNLQJ SRRUHVSHFDOOH LQ WKH IUDPHZRUN RI
WKH ('

,Q DGGLWLRQ EHFDXVH HPHUJHQF\ FDUH VHUYLEFHV KDYL D YHU\ KLJK
QXPEHU RI GDLO\ DFFHVVHV VFUHHQLQJ SDWLHQWV IRU DOFRKRO UHODWHG
VWUXJJOHLYFDWLRQV\ ZLOO VKRZ ZKHWHU TXDOLWDWLYHa
TXDQWLWDWLYH VFUHHQLQJ WHVWV DUH VXLWDEOH IRU VXFK VHUYLEFHV

&RPSHWLQJ ,QWHUHVW

,QJULG GH &KD]HURQ UHFHLYHG KRQRUDULD IRU FRQVXOWDQF\ E\
/XQGEHFN /DERUDWRU\ }QDQFSSORLHU IWRPHLYHG
6DQR} \$YHURWEMHWLQJV IRU (PHUJHQF\ OHGLFLQH DQG IURP WKH
(PHUJHQF\ OHGLFLQH)UHFK 6RFLHW\ 6)08 IRU WKH KHDOWKFDUH
LQVWLWXWLRQ QHWZRUN RI DXGLWV ODXULFH 'HPDWWHLV UHFHLYHG KRQRUDUL
DQG WUDYHO UHLPEXUVHPHQW IRU FRQIHUHQFHV E\ OHUFN 6HURQ DQG
/XQGEHFN /DERUDWRULHV KRQRUDULD IRU FRQVXOWDQF\ E\ /XQGEHFN DQG
' \$3KDUPD /DERUDWRULHV DQG SDUWLFLSDWHG DV D FR LQYHVWLJDWRU LQ WKH
PXOWLFHQWHU LQYHVWLJDWLRQDO GUXJ VWXGLHV \$/3\$,5 \$/3\$(IRU
EDFORIHQ RI (WK\SKDUP /DERUDWRU\ 3LHUH OHXHO /ORUFD UHFHLYHG
KRQRUDULD DQG WUHO UHLPEXUVHPHQW IRU FRQIHUHQFHV E\ /XQGEHFN
/DERUDWRU\ * %UHVHVH UHFHLYHG QDW\,FRQVRLWLS WR DWWHQG
V, VSU RU 3(U5(R)3U)5(259D DQH&4\$YH \$YH)5(L)-5(HW)-5(LQ)VI 11612(Q

0410

&KHUSL-WHO 6FUHHQLQJ IRU DOFRKRO SUREOHPV LQ WKH HPHUJHQF\
URRP D UDSLQ DOFRKRO SUREOHPV VFUHHQ 'UXJ \$OFRKRO 'HSHQG

&KHUSL-WHO 6FUHHQLQJ IRU DOFRKRO SUREOHPV LQ WKH 8 6 JHQHUDO
SRSXODWLRQ FRPSDULVRQ RI WKH &\$*(5\$36 DQG 5\$36 4) E\ JHQGHU
HWKQLFLW\ DQG VHUYLFH XWLQJ DWLRQ 5DSLQ \$OFRKRO 3SUREOHPV 6FUHHQ
\$OFRKRO &OLQ ([S 5HV

*XLOOHPLQ) %RPEDUGLHU & %HDWRQ ' &URVV FXOWXUDO DGDSWDWLRQ
RI KHDOWK UHODWHG TXDOLW\ RI OLIH PHDVXUHV OLWHUDWXUH UHYLHZ DQG SURSRVHV
JXLGHOLQHV - &OLQ (SLGHPLRO

8 6 'HSDUWPHQW RI +HDOWK DQG +XPDQ 6HUYLFHV 8 6 'HSDUWPHQW RI
\$JULFXOWXUH 'LHWDU\ JXLGHOLQHV IRU \$PHULFDQV

&KHUSL-WHO CRJKLNLDQ . +XUOH\ /% \$OFRKRO UHODWHG KHDOWK
VHUYLFHV GHSDUWPHQWV LQ WKH HPHUJHQF\ GHSDUWPHQW
\$QQ (PHUJ OHG

' 2QRIU'LR'HJXWLV /& 3UHYHQWLYH FDUH LQ WKH HPHUJHQF\
GHSDUWPHQW VFUHHQLQJ DQG EULHI LQWHUYHQWLRQ IRU DOFRKRO SUREOHPV LQ WKH
HPHUJHQF\ GHSDUWPHQW D V\WHPDWLF UHYLHZ \$FDG (PHUJ OHG

*UHHQ 0 6HWFKHQGLV 7RFXHW 5 HW DO
0DQDJHPHQW RI DOFRKRO DEXVLQJ SDWLHQWV LQ DFFLGHQW DQG HPHUJHQF\
GHSDUWPHQWV - 5 6RF OHG