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&RFU\DWBORM LQWHUHVW GXH WR WKHLU WK
LPSURYLQJ WKH GLVVROXWZKQ SPISURYPIPIQHW RZDWKEH\$3, HYHG WR F
RI VXSHUVDWXUDWLRQ VWDWH RI WKH \$3, GXULQJ WKH GLVVROXWI
VWDWH DERYH WKH VROXEL O\KVM\ GU XWKGIL G VRO YHG IRU ORQJMKHWLFP
GLVVROXWWRQ LFKGLEXLV WKH SUHFLSLWDWLRQ RI WKH GUXJ HLWKH
3RO\PHUV FDQ LQWDOFDFR WUZPLWKWKKHR \$3K WKHLU K\GURFXDUE YQDFKD
VSHFLEIRFQ@ GRQDWLQJ DFFHSWUQX SUORXSOXWKL BQ RSKLOLF

,Q WKLW VWXG\ W@HFRWH HQDPLS HFRIFG\ VWDO ZDV VHOHFWHG G
VROXELOLW\ H[KLELWHG E\ WKH \$3VW@HFRHLODPODFWLRU) \$UXV D1 Q\$
SRRU DTXHRXV VROXELO, &WLVLDQ GFRQFROVIER DFRUBHU RQ WKH JHQHUD
*5\$6 @KRWHLQW\XHWKWK VROXELOHSRO\YKLOH GISSBORFOLGRQH 393 SI
JO\FRO 3(* DQG EUDQFKH@ZSRO\HW@HFWHLPLDHWK, FDSOHUWRI RIG
ERQG GRQDWLRQ :KLOH P\ ODE SDUWQHU %UHQQDQ +LOO IRFXVHG
WKH SROJPHU LQVGHWDQWLRQ U\ZMD@HGLWVROXWLRQ VWXG\

7KH 0)\$ & FRFU\ VWDO ZDV JURZQ E\ VROYHQW HYDSRDU DWLRQ L
GLIUDFWLRQ ;5' 7KH ;SS SHDNV OFFRQMLRFFHSHZVXWKORS 1W&H
FRFU\ VWDO S ROKP HGU X OZM HWHHFWYLRQEL JRVOKS DLRQ QXFOH DU PDJQH WL
105 VSHFWURV WKSJHH SRO\PHUV GHPURQHW RQDWLQGVMDDFWLRQV ZLV
105 7KHVH VHRZFWGX SVDNR DGHQLQJ RU VKERQ GRIGRORUDPSODNKR I 0)\$
105 VSHFRUHDRYHU WKH VSHFWUR@EVRRR@R@F@G@W, DVOKZ@W@ \$@HIWV RI
ZKLOH DOO 1, & SHDNV7KH PBLIOH GUHGXSSDVFZHGH E\ QXFOH DU 2YHUKD
VSHFWURVFRS\ 12(6EURZ\WZBHDNKRZR SURWRQV DUKHL@S\SHDULDDOFB
FURVV SHDNV LQ WKH VSHFWUXP RI FRFU\ VWDO ZLWK 3(, W\K\WZHHQ
K\GURSKRELDFDQG K\GURSKLOLF LQWHUDFWLRQV 6WJROKSW SHDNV
K\GURSKRELDFZRUN KHOSV HOXFLGDWH WKH PROHFXODU PHFKDQLV
GLVVROXWLRQ SHUIRUPDQFH RI SRRUO\ VROXEON \$3, V IURP FRFU\

)DFXOW\ 0HQWRU 3UR%IO\$PIQRQ 2UWROO
)XQGHG E\ WKH 'DQD)XQGN)H@O@BZR/KLS
5HIHWHQFHV

%KDODQL ' 9 1XWDQ % .XPDU \$ 6LQJK &KDQGHQ \$. %LF
3RRUO\ \$TXHRXV 6ROXEON %LXRP H@G@G@K@MUDSHXWLFV
5HJXODWRU\ &ODVVLILFDWLRQ WROBK@U@D@H@W@R@D, @&RVWU\ 86'
'XJJLUDOD 1 . 3HUU\ 0 / \$OPDUVVRRQ g =DZRURWNR 0 -
LPSURYHG R@K@H@P@L@H@R@Q 9999999999' &&& \$ '2,
&&& \$
6DWKLVDUDQ , 'DOYL 6 9 (QJL@H@R@O@X@I@E@H@&R@X@U@V@W@B@Q@Q@R@D@B@R@H@U
\$TXHRXV 03HGLXPDFHXWLFV
*XR 0 :DQJ . +DPLOO 1 /RULPHU . /L 0 ,QYHVWLJDWLQJ
)OXIHQDPLF \$FLG &RFRQVW@D@D@R@O@K@D@L@R@D@F@H@X@W@L@F@V'2,
DFV PROSKDUPDFHXW E