

5HYLHZ \$UWLFOH 20,&6 ,QWH

'HPRGH[2XWEUHDN &DXVLQJ 3DOSHEUD 6NLQ

6WHUJLRV .DUDSVLDV 3DWHOLV DQG \$JDWKL 6JRXURX
&OLQLFDO 0LFURELRORJ\ /DERUDWRU\ *HQHUDO \$LU)RUFH +RVSLWDO \$WKHQV *UHHFH
&RUUHVSRRGLQGLQW\ .DUDSVLDV &OLQLFDO 0LFURELRORJ\ /DERUDWRU\ *HQHUDO \$LU)RUFH +RVSLWDO
NDVV #\DKRR JU
5HFHLYHG) \$FFHSWHG 3XEOLVKHG
&RSULJKW .DUDSVLDV 6 HW DO 7KLV LV DQ RSHQ DFFHVV DUWLFOH GLVWULEXWHG XQGHU WKH WHUPV
XVH GLVWULEXWLRQ DQG UHSURGXFWRQ LQ DQ\ PHGLXP SURYLGHG WKH RULJLQDO DXWKRU DQG VRXU

\$EVWUDFW
'HPRGH[VSS PD\ FDXVH EOHSKDULWLWV DQG SDOSHEUD VNLQ OHVLRQV 6LQFH HVSUHDGDEOH LQ WKH FRPPXQLW\ HYHU\ SDWLHQW ZLWK FKURQLF QRQ GLDJQRVHG VSS 7HD WUHH RLO WUHDWPHQW PD\ EH DQ HIILFLHQW DQG VDIH WKHUDSHXWLFDO

.HIZRUGWPRGH[2FXODU GHPRGLFRVLV %OHSKDULWLWV 7HD WUHH RLO ,QWURGXFWRQ

'HPRGLFLGDH VSHFLHV DQG HVSHFLDOO\ 'HPRGH[VSS SDUDVLWH LQWR DQLPDO PDPPDO IROOLFOHV DQG PD\ FDXVH VNLQ OHVLRQV WR KXPDQ VXEMHFMDLVRRI WKH VWXG\ LV WR UHSRUW DQ RXWEUHDN RI RFXODU VNLQ SDOSHEUD LQIHFWLRQV GXH WR 'HPRGH[DPRQJ FRPPXQLW\ SRSXODWLRQ

VSHFLPHQV FROOHFWHG DW WKH RSKWKDOPRORJLFDQ FRPPXQLW\ZOOV DQG H[DPLQH IRU)LJXUHV DQG DW WKH &OLQLFDO 0LFURELRORJ\ /DERUDWRU\ RI WKH +HOHQLF *HQHUDO \$LU)RUFH +RVSLWDO LQ \$WKHQV IURP -XQH VW WR 'HFHPEHU VW)LJXUWPRGH\$S RQWR H\HODVHJOLHEDWVR [

ODWHULDOV DQG OHWKRGV
H VWXG\ FRPSULVHG DOO H\HODVK VSHFLPHQV FROOHFWHG DW WKH RSKWKDOPRORJLFDQ FRPPXQLW\ZOOV DQG H[DPLQH IRU)LJXUHV DQG DW WKH &OLQLFDO 0LFURELRORJ\ /DERUDWRU\ RI WKH +HOHQLF *HQHUDO \$LU)RUFH +RVSLWDO LQ \$WKHQV IURP -XQH VW WR 'HFHPEHU VW

)LJXUWPRGH\$S RQWR H\HODVHJOLHEDWVR [

\$OO SDWLHQWV KDG V\PSWRPV RI EOHSKDULWLWV DQG H\HODVHJOLHEDWVR DQG QHJDWLYH &KODP\GLD H[DPLQDWLRQV PLOG HGHPD LWFK PLOG RU QR HU\WKHPD VHFUHWLRQ IURP H\HODVK IROOLFOHV)LJXUWPRGH\$S

)LJXUWPRGH\$S RQWR H\HODVHJOLHEDWVRQTM)LJXUWPRGH\$S RQWR H\HODVHJOLHEDWVRQ VNLQOHVLRQV GXH WR

(YHU\ H\HODVK VDP SOH LQFOXGHG DW OHXSSHU DQG ORZHU SDOSHEUD RI WKH SDW

