

([SORULQJ DQG &RPSDULQJ \$Q[LHW\ /HYHOV R  
8QLW ZLWK D 3ULPDU\ 'LDJQRVLVLWIK\$OJDFZKRO  
6WXG\

\$QQD 7DEHW\$QQ 6 2010CHBLFKDUG 3DXO 'LD]  
&DSVWRQH &ROOHJH RI 1XUVLQJ DW WKH 8QLYHUVLW\ RI \$ODEDPD &DSVWRQH 86\$  
'HSDUWPHQW RI 1XUVLQJ DW WKH &DSVWRQH &ROOHJH RI 1XUVLQJ 8QLYHUVLW\ RI \$ODEDPD &DSVWRQH  
'HWR[ &HQWHU LQ 6RXWK 7H[DV 86\$  
&RUUHVSRRGLQ\$QDWKRELHW )RUPHU GRFWRUDWH RI QXUVLQJ SUDFWLFH VWXGHQW &DSVWRQH &ROOH.  
( PDLO WDEHW#XLZW[ HGX  
5HFHLYHG GDWH 0DUFKISWHG GDWH 0DUFK 3XEOLVKHG GDWH 0DUFK  
&RS\ULJKW ( 7DEHW \$ HW DO 7KLV LV DQ RSHQ DFFHVV DUWLFOH GLVWULEXWHG XQGHU WKH WHU  
XVH GLVWULEXWLRQ DQG UHSURGXFWRQ LQ DQ\ PHGLXP SURYLGHG WKH RULJLQDO DXWKRU DQG VRXU

\$EVWUDFW

2EMHFV6HYHUUH DOFRKRO XVDJH LV GHWULPHQWDO WR RQH\V KHDOWK DQG KDV  
&W'DWHV ,W KDV EHHQ FOHDUO\ HWWDEOLVKHG LQ VWXGLHV WKDW LQGLYLGXH RÜ

DV KRPHOHVVQHV DQG LOOHJDO DFWLYLW\ LQ DGGLWLRQ WR PHQWDO KHDOWK I  
LVVXHV VXFK DV GHSUHVWLWLRQ DQG QDWXUHLVH KHDOWK  
RXWFRPHV RI DOFRKROLVP LQFOXGLQJ FLUUKRVLV RI WKH OLYHU HVRSKDJHDO  
YDULFHV K\SHUWHQVLRQ DQG EUHDVW FDQFHU ([FHVVLYH DOFRKRO  
FRQVXPSWLRQ LQ WKH 8QLWHG 6WDWHV KDV DQ HVWLPDWH FRVW RI ELOOLR  
GROODUV LQ WKH PDMRULW\ RI WKLV FRVW UHVXOWHG IURP ZRUNSODFH  
SURGXFWLYLW\ RI ZKLFK ZDV DWWULEXWHG WR WKH WRWDO DPRXQW RI ORVV IU  
WKH ZRUNSODFH DQ LQFUHDVH RI KHDOWK FDUH H[SHQVHV ODZ HQIRUFHPHQW  
DQG OHJDO LVVXHV LQFUHDVH IURP PRWRU YHKLFOH FRVWV > @



