



\$ 3DWLHQW +DYLQJ 5HFXUUHQW \$SKWRXV 6WR  
&HVVDWLRQ \$ &DVH 5HSRUW DQG 5HYLHZ RI /

0XVWDID 8QBDWDV 0XUDDG-DQKLUQ2]WXUN  
'HSDUWPHQW RI )DPLO\ 3UDFWLFH \$VLVWDQW 3URIHVVRU 'U 2QGRNX] 0D\LV 8QLYHUVLW\ 0HGLFDO )DFX  
'HSDUWPHQW RI )DPLO\ 3UDFWLFH \$VVRFLDWH 3URIHVVRU 'U 2QGRNX] 0D\LV 8QLYHUVLW\ 0HGLFDO )DFX  
)DPLO\ 3K\VLFLDQ 6DPVXQ (GXFDWLRQ DQG 6SHFLDOL]DWLRQ 6WDWH +RVSLWDO 7XUNH\  
&RUUHVSRRQLQJ

RFFXU LQ HDUOLHU DJHV WKDQ RWKHU DSKWKDH DQG LI UHFXUUHQW DQ  
XQGHUO\LQJ V\WHPDWLF GLVHDVH VKRXOG EH VXVSHFWHG > @

6RPH SDWLHQWV IHHO WLQJOLQJ DQG EXUQLQJ GD\ EHIRUH DSKWKDH  
IRUPDWLRQ 7KH PRVW FRPPRQ SDWLHQW FRPSODLQWV DUH SDLQ DQG  
GLIILFXOW\ RI HDWLQJ DQG VZDOORZLQJ 6SHDNLQJ GLIILFXOW\ FDQ EH VHHQ LQ  
VRPH SDWLHQWV > @ %HK@HW V \QGURPH VKRXOG EH VXVSHFWHG LI JHQLWDO  
XOFHUV DUH VHHQ DORQJVLGH ZLWK \$SKWKDH > @ ,Q UHFXUUHQW DSKWKDH W  
SDWLHQW VKRXOG EH H[DPLQHG IRU LQIODPPDWRU\ LQWHVWLQDO GLVHDVHV

SUREOHP LV PDGH ZRUVH ZLWK RUDO QLFRWLQH FRPSDUHG WR SDWFK QDVDO  
VSUD\ RU EXSURSLRQ LQ WKH ILUVW ZHHN RI DEVWLQHGFH > @ 7KH UHODWLRQ  
EHWZHHQ WKH GXUDWLRQ GRVDJH DQG W\SHV RI QLFRWLQH SURGXFWV WR WKH  
PRXWK XOFHUV UHTXLUHV PRUH UHVHDFK



7¼]¼Q % :ROI 5 7¼]¼Q < 6HUGDURáOX 6

5HFXUUHQW DSKWKRXV