

&DQ %RG\ *URXS 7KHUDES\ DIWHU %DULDWULF 5HJDLQ" \$ &OLQLFDO ([SHULHQFH

0LFDQWLR\DUUR * &XFFLQLHOOR & 3HFRUDUR * DQG *DOOHWWD '
'HSDUWPHQW RI 1HXURVFLHQFH 5HSURGXFWLYH 6FLHQFH DQG 2GRQWRVWRPDWRORJ\ 6FKRRO RI OHGLFL
&RUUHVSRRQLQ\DOXWKRULFDQWL 'HSDUWPHQW RI 1HXURVFLHQFH 86' 3V\FKLDWU\ 826 (DWLQJ 'LVRUGH
ORELOH)D[PLFDQW\#XQLQD LW
5HFHLYHG -GDWH \$FFHSWHG -GDWH 3XEOLVKHG GDWH
&RSULJKW 0LFDQWL) 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

,QWURGXFWRQ :HLJKW UHJDLQ PD\ RFFXU ZLWK EDULDWULF VXUJHU\ DQG LW C
VXUJHU\ UHODWHG IDFWRUV 7KH SHUVLVWHQFH RI ERG\ VKDSH FROFHUQ DQG XQ
ULVN IDFWRU IRU ZHLJKW UHJDLQ :HLJKW ORVV DIWHU %DULDWULF VXUJHU\ GH
FRPSRQHQW RI %RG\ ,PDJH EXW QRW WKH HPRWLRQDO RQH 7KH DLP RI WKLV VW
FDQ UHSDLU WKH ERG\ LPDJH HPRWLRQDO FRPSRQHQW DFKLHYLQJ ZHLJKW PDLQWH

0HWKRGSDWLHQWV PHDQ DJH 6' " ZRPHQ PHQ PHDQ %RG\ 0DVV ,QG
VXIIHULQJ IURP RQVHW REHVLW\ ZHUH HQUROOHG LQ WKLV VWXG\ \$OO SDUWLFL
VXUJHU\ 7KH\ XQGHUHQW ERG\ JURXS SV\FKRWKHUDS\ WR UHLQIRUFH ERG\ LPDJH

5HVXOWV 5HVXOWV RI ERG\ JURXS WKHUDS\ ZHUH D VLJQLILFDQW LQFUHDVH RI
WKH RWKHUV DQG D EHWWHU WHQGQFH\ WR DFFRPSOLVK QHZ H[SHULHQFHV 1R G
UHLQIRUFHPHQW SURFHVV UHODWHG WR VOHHYH DQG JDVWULF E\ SDVV

&RQFOXVLRQ WKHUDS\ LV DQ HIIHFWLYH WRRO LQ FDKQLQJ ERG\ ,PDJH DQG UH
PRUH HIIHFWLYH LQ DFKLHYLQJ DQG VWUXFWXULQJ ZHLJKW VWDELOLW\ DQG UHDO

.H\ZRUG%DULDWULF VXUJHU\ :HLJKW ORVV %RG\ LPDJH *URXS
WKHUDS\ :HLJKW PDLQWHQDQFH

,QWURGXFWRQ

:HLJKW UHJDLQ PD\ RFFXU ZLWK DOO WKUHH RI WKH PRVW FRPPRQ
SURFHGXUHV 5RX[HQ < JDVWULF E\SDVV VOHHYH JDVWUHFWRP\ DQG JDVWULF
EDQGLQJ DQG LW GHSHQGV RQ QXWULWLRQDO SV\FKRORJLFDQ DQG VXUJHU\
UHODWHGHUHWLURU\ IHZ VWXGLHV GLUHFWO\ LQYHVWLJDWLQJ WKH
FOLQLFDO IDFWRUV GHWHUPLQDQW WKH UHJDLQ 3RRU RXWFRPH
VXUJHU\ PD\ KDSSHQ DV IROORZ XS VWXGLHV XQGHUOLQH VWUHVVLQJ WKH
LPSRUWDQFH RI SV\FKLDWULF RU SV\FKRORJLFDQ IDFWRUV LQ LQGXFLLQJ LW > @
H SHUVLVWHQFH RI ERG\ VKDSH FROFHUQ DQG XQHDVLQHVV
GHWHUPLQLQJ WKH LQDELOLW\ WR UHFRJLQJH RQH VHOI DV DQ LQGLYLGXDO ZLV
RZQ GHVLUH DQG FDSDFLW\ LV FRQLGHUHG D ULVN IDFWRU IRU ZHLJKW UHJDL
> @ 3V\FKRWKHUDS\ LV WKH PRVW XVHIXO LQVWUXPHQW WR UHFRQVWUXFW ERG
LPDJH DQG DFKLHYH ZHLJKW PDLQWHQDQFH > @

LV

