

"OBQMBTUJD -ZNQIPNB ,JOBTF "-, 3FBSSBOHF
JO -VOH "EFOPDBSDJOPNB

(PLQH øNEDO \$WOLLQ+DNLFLHU DQG \$JUD \$NLQ

)DFXOW\ RI 0HGLFLQH 7UDN\D 8QLYHUVLW\ 7XUNH\

&RUUHVSRRQLQJ DXWKRU (PLQH øNEDO \$WOLLQH)DFXOW\ RI 0HGLFLQH 7UDN\D 8QLYHUVLW\ (GLUQH

H @UPLQ @UPQJRQG @@ePX H @UP\$]T T €p0eP\$0 `À ...€ €T €ÄÄp]TÄ\ VSTF)WOLRU



\$/. SUREH ZDV VHHQ DV WZR \HOORZ RU UHG DQG JUHHQ RYHUODSSLQJ
 VLJQDOV HVDUUDQJH BHIQWELZ BCSOLW VLJQDOV LQ !
 WXPRXU FHOOV RQO\ RQH \HOORZ VLJQDO ZDV GHWHFWHG DQG ZHOO VHSUDUW
 JUHHQ DQG UHG VLIJFKORZMURPW HHSQ. SRO\VRP\
 ZDV GHWHFWHG LI ! \HOORZ VLJQDOV ZHUH YLVLEOH LQ RQH QXFOHXV \$GPLWWH
 WR RXU KRVSLOWO EHVZHUHQ HPVXGRHG
 WLVVXH RI DGHQRFDUFLQRPD SDWLHQWV ZHUH VWXGLHG (*)5 PXWDWLRQ
 DQDO\VLV RI WKLV JURXS RI SDWLHQWV ZHUH SHUIRUPHG XVLQJ '1\$
 VHTXHQLQJ PHWKRGV

5HVXOWV

DGHQRFDUFLQRPD WXPURU WLVVXH ZHUH DQDO\JHG ,Q SDWLHQWV
 ZHUH IRXQG SRVLWLYH IRU \$/. 0HDQ DJH RI \$/. SRVLWLYH
 SDWLHQWV DQG PHDQ DJH RI \$/. QHJDWLYH SDWLHQWV LV %\
 VHTXHQLQJ DQDO\VLV RI SDWLHQWV ZLWK (*)5 PXWDWLRQ VFUHHQLQJ WKH
 DYHUDJH DJH RI SDWLHQWV ZLWK (*)5 PXWDWLRQV LV DQG (*)5 ZLOG
 W\SH SDWLHQWV PHDQ DJH RI LV 2I WKHVH SDWLHQWV SDWLHQWV
 \$/. (*)5 :7 SDWLHQWV (*)5 \$/. ZDV
 GHWHUPLQH 7DEOH)LJXUHV DQG

	7RWDO	\$/.)HPDO	\$/. HODOH	(*)5
ODOH VH[² QR				
\$JH ² \U				
0HDQ				

5DQJH
 +LVWRORJLF DQDO\VLV²
 QR
 \$GHQRFDUFLQRPD
 1RQ VPDOO FHOO OXQJ
 FDQFHU
 6DUFKPDWRLG &D
 6TXDKRXV FHOO &D
 3OHRPRUSKLF
 DGHQRPD
 1HRSODVP RI
 EURQFKXV DQG OXQJ

7R FRQFOXGH LQ RXU VWXG\ ZH VKRZHG WKDW WKH SUHYDOHQFH RI \$/.
SRVLWLYH SDWLHQWV LV LQ D FDXFDVLDQ VHOHFWHG SRSXODWLRQ RI 16&/&
E\),6+ ,Q WKH HUD RI WKH \$/. WDUJHWHG WUHDWPHQWV \$/. SRVLWLYH
SDWLHQWV WUHDWPHQWV IHDWXUHV DQG D EHWWHU SURJQRVWLF WKDQ
(*):7 DQG \$/. QHJDWLYH SDWLHQWV

5HIHUHQFHV