

+RZ 9DFFLQHV :RUN
9DFFLQDWLRQ 3URWRFRO IRU 6KHHHS DQG *RDW 2ZQHUV
-DPHV - (QJODQG '90 3K'
\$QLPDO DQG 9HWHULQDU\ 6FLHQFH
8QLYHUVLW\ RI ,GDKR
&DOGZHOO ,'

5HVSLUDWRU\ GLVHDVHV UHSURGXFWH\ DQG SODJXH DQLPDO RZQHUV 7R FRPE DQWMMHK HPDIQ DS QDQH SWKLRQ
LQFUHDVH WKH UHVLVWDQFH WR WKH GQVHDDWIRORI WKH DQLPD
QXWU kqALVRO€ Ad€p "

UHFRJQLJH DQ LQYDGLQJ LQIHFWRXV DJFHQLWF LSPITX*QH DQG SUR
UHVSQRQHV \$17,%2',(6 DQG ,0081(&(/6 WHRU GLQSDRG\ LRMWQH WQ
LPPXQH V\VWHP GHYHOPRHSVRBY VSHB1(67,& 5(63216(

7KH DQDPQHVWLF UHVSQRQHV WKH PHPRU\ UHVSQRQHV V@0€
DVHQW UHVSQRQHV
GHV OHVVHV DIRTRXQWVHG RW RDQ WDLQWVQDHWK DQ ZD
GG LWLRQDQO\ UWKXIORWHP RQ\ PURHHS RQGH URXWL
WLRQ GRHV QRW PHDQ LPPXQL]DWLRQ

.LOOHG RU LQDFWLYDWHG YDFFLQHV FFRDQWWDILQ WWKHH DSSUR
LQRFXODWLQJL BKOBIWWHRWKH VPKHP RLVPXQKRPVWVWHP WKHVH YDFFLG
XVXDOO\ UHTXLUH WZR YDFFLQDWLRQV ZLWKLQ ZHHNV WR IXO
G DUH FRPPRQO\ XVHG LQ
GMXYDQWVH RLQFDQH QFLHQ RI UHDQVHH UWKH
FLDOO\ ZLWKO\ SHDQH\ QHDVF FFLQDQD WR RQV 6RPH
WLRQ

/LYH PRGLILHG DWWHQXDWHG FKHPL FVOKOHOD OOW WJHHQHLG PYDD/FV
E\ PXOWL SO\ LQJ ZLWKLQ WKH UHFL SLEHQWK KXPIRQJD Q UDQQL&OP,V
LPPXQH UHVS RQVHV DQG JHQHUDOOL VQMLVWX DB FVDX D HK WJKHHU OHY
SURGXFH PRUH DQWLJHQ V WKURXJIS URFH VWH S QPF D QVLLJDQV IPKQ VZL
OLYLQJ RUJDQLVP YDFFLQHV FDQ EH RORFNGHDQEW LWR IS LSHWV XIQIFH
FRORVWUDO DQWLERGLHV

\$QWLJHQV WKDW DUH SUHVHQWHG WRX QWVH R B P X Q H V\VWHP
VXE FXWDQHRXV LQRFXODWLRQ VWLPX O DWUDWKA D QFQXQHYUHWSR
RU LQWUDQDVDO LPPXQL]DWLRQ VWLSPLXO DWRHUV DQG DQ LPPXQLW\

7KH LPPXQH V\VWHP H\ERWWKDQFW XQDQDO DW T XWHTAGL UPHVXQKH
DQLPDO WR EH LQ DQ DGHTXDWH QQQ\ UPIRVOIHFQDODU WWDQWFMV VFRQDODU
FDSDEOH RI UHFRJQL]LQJ DQG UHVS RQISQ QJD JWRQ\ L P L6W WHKHV LQDQW
PDMRU GHSUHVVDQW IDFWRU RQ WKH UPJOOQFHR EURUWSB QR/FR E G W ZK
LQKLELW WKH PROHFXODU DQG FH\DFXDOODQXGQFMQWQ\ V WXLWV
DQ DGYHUVH HIIHFW RQ WKH DQLPDODQDODALOQDWQ DWRI RUHQWSRRQ G L
VWUHVV IURP HQYLURQPHQWDO FRQG LQWLRQDQWLGQD R XJJK BRWHLPS
QXWULWLRQ LV VLJQLILFDQW LQ PD[ID PMLYLOQH WKH LPPXQH UHVS R

6PDOO 5XPLQDQW 9DFFLQHV

5HVSLUDWRU\ GLVHDVHV
3DVWHXUHOODV
5HSURGXFWLYH GLVHDVHV
9LEURL
&KODP\GLD
%OXHWRQJXH
, GLVHDVHV
&ORV Weldringels &
&RQWDJLRXV HFWK\PD^VRUH PRXWK
6XGGHQ GHDWK
&ORV ~~Waucolei~~ *Dsordelli*, *novyi*, *septicum*, *hemolyticum*,
7HWDQXV
&DVHRXV O\PSKDGHQLWLV

&RUH 9DFFLQH UHTXHUHDFQW\ M V WKDW VKRXOG EH JLYHQ HYHU\
&ORVWULGLDO & ' 7

2SWLRQDO 9DFFLQHV DFFLQHV FDQ EH LQFRUSRUDWQHG LQ VSHFL
RQ QHHG
3DVWHXUHOODV^)HHGORW ERXQG
9LEURL^, QIHUWLOLW\ SUREOHP YDFFLQDWL SUH EUHHQ
&DVHRXV /PSK ~~D~~ *Mycobacterium pseudotuberculosis*
9 L U D O V
%OXHWRQJXH
6RUH PRXWK

7KH PRVW FRPPRQ YDFFLQH IDLOXUHQG VU HDMXOOXWVH IRQ DVOKPHL QL
VSRUDGLF LQFLGHQFH RI GLVHDVH LQ DWD FZFDLVQ DWKHG Q CLQP DVOKVHP W K
FKXWH \$ VHFRQG FRPPRQ IDLOXUHWLRV WKHS RQGEWGLWKHR IYDVKPHL
DGPLQLVWHUHG DQG DOO RI WKH DEWKH LDQFGWLRUQ XSDOOD DQ LSPDOWV
V\WHP LV WKH NHHWRRU WDHSNBQV SURQDQVUHDVFDQQRW GHLQH

9DFFLQH KDQGOLQJ LV D VLJQLILFDHQW F\$ROOOWYDUEFXLQHUV WR RYX
EH NHSW LQ D FRRO GDUN HQYLURQ PFLQQHV VKBXOG/LDYOHV & UERHG X FW
ZLWKLQ KRXUV IROORZLQJ SUHSDUDWLREQ BQGP LGFHDOOLQHV W\Q Q
ELRORJLFDOO\ FOHDQ 0/9 YDFFLQH VS DREXVFWRUDLQH DWWR EH ŽY W
ž) DQG 1(9(5 \$//2:(' 72)5((=('LVSRVH RIQDQ\ YXQFXVLIQGH VR \$HW
WKH HQG RI WKH GD\ WR DYRLG XVLQJ FWRQMDVFLQD VS H B GRXUF WLQD
QRW EH PL[HG HLWKHU LQ WKH ERWWOH RU LQ WKH DQLPDO

REFERENCES