

!" #&/
4;O <548G=>3> 70AB>AC20==O ;V:0@AL:>3> 70A>1C

?®
(CEFUTIL®)

!;:04:

4VNG0 @5G>28=0: F5DC@>:A8<;
1 B01;5B:0 :A8@
4>?>28=8: F5;N;>70 :@8AB0;VG=0, =0B@VN :@>A:0@<5;>70, =0B@VN :@>E<0;L3;V:>;OB (B8?),
=0B@VN ;0C@8;AC;LD0B, :@5<=VN 4V>:A84 :>;>W4=89 1572>4=89, <03=VN AB50@0B, >?04@V
OY-L 1V;89*, 10@2=8: FD&C A8=V9 1 (133), ?>;V5B8;5=3;V:>;L 6000;
*- A:;04 >?04@V OY-L 1V;89: ;0:B>70, <=>3V4@0B; B8B0=C 4V>:A84 (E 171); 3V4@>:A8-?@>?V;
<5B8;F5;N;>70; ?>;V5B8;5=3;V:>;L.

V:0@AL:0 D>@<0. "01;5B:8, 2:@8BV ?;V2:>2>N >1>;>=:>N.

A=>2=V DV78:>-EVABV:

?® ?> 125 <3 B01;5B:8 >20;L=>W D>@<8 7 42>>?C:;>N ?>25@E=5N, 2:@8BV ?;V2:>2>N >1>;>=:>N
1;0:8B=>3> :>;L>@C, 7 @8A:>N 7 >4=>3> 1>:C B0 2V418B:<< «Phl» 7 V=H>3>.

?® ?> 250 <3, 500 <3 B01;5B:8 >20;L=>W D>@<8 7 42>>?C:;>N ?>25@E=5N, 2:@8BV ?;V2:>2>N
>1>;>=:>N 1;0:8B=>3> :>;L>@C, 7 2V418B:<< «Phl» 7 >4=>3> 1>:C.

\$0@<0:>B5@0?52B8G=0 3@C?0. =B810:B5@V0;L=V 70A>18 4;O A8AB5<=>3> 70AB>AC20==O. =HV
15B0-;0:B0<=V 0=B81V>B8:8. ?>A?>@8=8 4@C3>3> ?>:>;V==O. >4 "% J01D !02.

\$0@<0:>;>3VG=V 2;0AB82>ABV.

\$0@<0:>48=0

&5DC@>:A8@0;L=0 D>@<0 10:B5@8F84=>3> F5D0;>A?>@8=>2>3> 0=B81V>B8:0 F5DC@>:A8
>@30=V7

0:B5@8F84=0 4VO F5DC@>:A8< ?@83=VG5==O A8=B57C ;;VB8==>W >1>;>=:8>@30=V7

&5DC@>:A8< <0T 28A>:C 0:B82=VABL 2V4=>A=> B0:8E>@30=V7

3@0<=530B82=V 05@>18:

Haemophilus influenzae (2;;NG0NG8 HB0<8, ABV9:V 4> 0aemophilus parainfluenzae, Moraxella (Branhamella)
catarrhalis, Neisseria gonorrhoeae (2;;NG0NG8 HB0<8, I> ?@>4C:CNBL ?5=VF8;V=07C, B0 ?5=VF8;V=07>-
=5?@>4C:CNGV HB0<8), Escherichia coli, Klebsiella spp., Proteus mirabilis, Providencia spp., Proteus rettgeri

3@078B82=V 05@>18:

Staphylococcus aureus B0 *Staphylococcus epidermidis* (2;;NG0NG8 HB0<8, I> ?@>4C:CNBL ?5=VF8;V=07C,
0;5 28;;NG0NG8 HB0<8, ABV9:V 4> <5B8F8;V=C), *Streptococcus pyogenes* (B0 V=HV 15B0-35<>;VB8G=V
AB@5?B>:>:8), *Streptococcus pneumoniae*, *Streptococcus* 3@C?8 (*Streptococcus agalactiae*);

0=05@>18:

3@078B82=V B0 3@0<=530B82=V :>:8 (2;;NG0NG8 2848 *Peptococcus* B0 *Peptostreptococcus*), 3@0

78B82=V 10:B5@VW (2;;NG0NG8 2848 *Clostridium*) B0 3@0<=530B82=V 10:B5@VW (2;;NG0NG8 2848

Bacteroides B0 *Fusobacterium*), *Propionibacterium* spp;

V=HV >@30=V7<8:

orrelia burgdorferi;

>@30=V7<8, =5GCB;82V 4> F5DC@>:A8:

llostridium difficile, *Pseudomonas* spp., *Campylobacter* spp., *Acinetobacter calcoaceticus*, *Listeria monocytogenes*,
<5B8F8;V=-=5GCB;82V HB0<8 *Staphylococcus aureus* B0 *Staphylococcus epidermidis*, *Legionella* spp;

45O:V HB0<8 =86G5=02545=8E >@30=V7 F5DC@>:A8

Enterococcus (*Streptococcus*) *faecalis*, *Morganella morganii*, *Proteus vulgaris*; *Enterobacter* spp., *Citrobacter* spp.,
Serratia spp., *acteroides fragilis*

\$0@<0:>:V=5B8:0.

VA;O?5@>@0;L=>3> 70AB>AC20==O F5DC@>:A8 0:A5B8; 01A>@1CTBLAO C :8H5G=8:C,

3V4@>;V7CTBLAO =0 A;87>2V9 >1>;>=FV >AB0==L>3> V C 283;O4V F5DC@>:A8 ?>B@0?;OT C

:@>2>>1V3.

?B8<0;L=89 @V25=L 01A>@1FVW A?>AB5@V30TBLAO >4@07C ?VA;O ?@89>20BFV :@>2V
A?>AB5@V30TBLAO ?@81;87=> G5@57 2-3 3>48=8 ?VA;O ?@89>4 =0?V2282545==O ?@5?0@0BC A
B0=>28BL ?@81;87=> 1-1,5 3>48=8. V25=L 7207C20==O 7 1V;:0<8 33-55 % 70;56=> 2V4 <5B>48:8
287=0G5==O. &5DC@>:A8< 284V;OTBLAO =8@:0<8 C =57AB0=V H;OE< :0=0;LF52>W A5:@5FVW B0
::C1>G:>2>W DV;LB@0FVW.
4=>G0A=5 70AB>AC20==O ?@>15=5F84C 71V;LHCT ?;>IC ?V4 :@82>N A5@54=L>W A8@>20B>2>W
:>=F5=B@0FVW =0 50 %.
V25=L F5DC@>:A8C A8@>20BFV :@>2V 7<5=HCTBLAO 2=0A;V4>: 4V0;V7C.

;V=VG=V E0@0:B5@8AB8:8.

>:070==O.

=D5:FVW, A?@8G8=5=V GCB;828<8 4> F5DC@>:A8>@30=V7<0<8:

□V=D5:FVW ->@30=V2: A5@54=V9 >B8B, A8=CA8B, B>=78;VB, D0@8=3VB;

□V=D5:FVW 48E0;L=8E H;OE2: 3>AB@89 B0 E@>=VG=89 1@>=EVB C AB04VW 703>AB@5==O,
?=52<>=VO;

□V=D5:FVW A5G>282V4=8E H;OE2: F8AB8B, ?VT;>=5D@8B, C@5B@8B;

□V=D5:FVW H:V@8 B0 <O:8E B:0=8=: DC@C=:C;L>7, ?V>45@

□3>=>@5O, 3>AB@89 =5CA.;04=5=89 3>=>:>:289 C@5B@8B B0 F5@2VF8B;

□V:C20==O @0==VE ?@>O2V2 E2>@>18 09<0 V ?@>DV;0:B8:0 ?V7=VE CA.;04=5=L C 4>@>A;8E
V 4VB59 2V:< 2V4 12 @>:V2.

@>B8?>:070==O.

V428I5=0 V=482V4C0;L=0 GCB;82VABL 4> F5DC@>:A84> V=H8E F5D0;>A?>@8=V2, 0 B0:>6 4> 4>?>
28=.

70T<>4V0 7 V=H8<8 ;V:0@AL:8<8 70A>10<8 B0 V=HV 2848 270T<>4V9.

5:<>5=4CTBLAO C=8:0B8 :<>1V=0FVW F5DC@>:A8 F5 <>65 2?;820B8 =0 01A>@1FVN F5DC@>:A8
@5?0@0B8, I> 7<5=HCNBL :8A;>B=VABL H;C=:>2>3> A>:C,<>6CBL 7<5=HC20B8 1V>4>ABC?=VABL
F5DC@>:A865 <0B8 2?;82 =0 D;>@C :8H5G=8:C, I> ?@872545 4> 7<5=H5==O @501A>@1FVW
5AB@>35=V2 B0 7=865==O 5D5:B82=>ABV :<>1V=>20=8E ?5@>@0;L=8E :>=B@0F5?B82=8E
70A>1V2. A:V;L:8 ?@8 D5@>FV0=V4=>2V ?0FVT=B0<, O:V ;V:CNBLAO F5DC@>:A8<><, @5:>
<5=4CTBLAO 28:>@8AB>2C20B8 3;N:>7>>:A8407=C 01> 35:A>:V=07=C <5B>48:8. &5DC@>:A8< =5
2?;820T =0 ;C6=>?V:@0B=89 0=0;V7 287=0G5==O :@50B8=V=C. @8 ;V:C20==V F5D0;>A?>@8=0<8
1C;8 ?>2V4><;5==O ?@> ?>78B82=89 B5AB C<1A0. &59 D5=><5= <>65 2?;820B8 =0 ?5@5E@5A=C
?@>1C =0 AC2V.

4=>G0A=5 70AB>AC20==O F5DC@>:A8:8E 4>70E V7 A8;L=>4VNG8<8 4VC@5B8:0<8 (5B0:@8=>20
:8A;>B0, DC@>A53;V:>7840<8, 0B5@8F8=><, :>;VAB8=>< B0 ?>;V< ?V428ICT @878: @>728B:C
=8@:>2>W =54>AB0B=>ABV.

@8 >4=>G0A=>AC20==V 7 D5=V;1CB07=>< 01> ?@>15=5F84<< <>6;825 7<5=H5==O =8@:>2>3>
::V@5=AC F5DC@>:A83> :>=F5=B@0FVW C A8@>20BFV :@>2V.

A>1;82>ABV 70AB>AC20==O.

@8 ?@>2545==V ?>A;V4>2=>W B5@0?VW G0A ?5@5E>4C 7 ?0@5=B5@0;L=>W B5@0?VW =0
?5@>@0;L=C 287=0G0TBLAO BO6:VABN V=D5:FV9, ;V=VG=8< AB0=>< ?0FVT=B0 B0 GCB;82VABN
?0B>35==>3> >@30=V7ABV ;V=VG=>3> ?>:@0I0==O ?@>BO3< 72 3>48= ?0@5=B5@0;L=C B5@0?VN
A;V4 ?@>4>26C20B8. 5@54 ?>G0B:< ?@>2545==O ?>A;V4>2=>W B5@0?VW A;V4 >7=09<8B8AO 7
2V4?>2V4=>N =AB@C:FVTN 4;O <548G=>3> 70AB>AC20==O F5DC@>:A8
0AB>AC20==O F5DC@>:A83> @>ABC Candida. "@820;5 70AB>AC20==O <>65 B0:>6 ?@8725AB8 4>
=043> @>ABC V=H8E =5GCB;828E >@30=V7Enterococci, Clostridium difficile, I> <>65, C A2>N G5@3C,
28<030B8 ?@8?8=5==O ;V:C20==O.

0AB>AC20==O F5DC@>:A8<5=4CTBLAO ?0FVT=B0< V7 BO6:8<8 ?>@CH5==O<8 7 1>:C :8H5G=8:C, I>
AC?@>2>46CNBLAO 1;N20==O< B0 4V0@5TN, >A:V;L:8 F5 <>65 ?@872>48B8 4> 7=865==O @V2=O
01A>@1FVW ?@5?0@0BC. # B0:>FV;L=VH8< T ?@87=0G5==O ?0@5=B5@0;L=>W D>@<8 F5DC@>:A8
20-45==5 ;V:C20==O E2>@>18 09<0 <>65 ?V428IC20B8 G0AB>BC @>728B:C 4V0@5W.

@8 70AB>AC20==V 0=B81V>B8:V2 H8@>:>3> A?5:B@0 4VW <>65 A?>AB5@V30B8AO ?A524><5

<1@0=>7=89 :>;VB, O:89<>65 ?@>O2;OB8AO 2V4 ;53:>W D>@<8 4> 703@>7;82>3> 4;O 68BBO
AB0=C. "> <0B8 F5 =0 C207V, O:l> C ?0FVT=BV2 28=8:0T BO6:0 4V0@5O ?V4 G0A 01> ?VA;O
0=B810:B5@V0;L=>W B5@0?VW. /:l> 28=8:0T B@820;0 01> 28@065=0 4V0@5O 01> ?0FVT=B
2V4GC20T @V7:89 ?5@59<>?>4V1=89 1V;l C 682>BV, ;V:C20==O ?>28==> 1CB8 =5309=> ?@8?8=5=>,
V ?0FVT=BC A;V4 ?@>25AB8 @5B5;L=5 >1AB565==O.
V4 G0A ;V:C20==O F5DC@>:A8<>< E2>@>18 09<0 A?>AB5@V30;0AO @50:FVO /@8H0-5@:A359
<5@0. >=0 28=8:0;0 157?>A5@54=L> 2=0A;V4>: 10:B5@8F84=>W 4VW F5DC@>:A8>@30=V7<, l>
A?@8G8=NT E2>@>1C 09<0, A?V@>E5BC *Borrelia burgdorferi* 0FVT=B ?>28=5= 7=0B8, l> F5 728G09=5
O28I5 ?@8 0=B81V>B8:>B5@0?VW E2>@>18 09<0, O:5 =5 ?>B@51CT ;V:C20==O.
0FVT=B0<, O:V ?@89<0NBL F5DC@>:A8<, @5:><5=4CTBLAO 287=0G0B8 :=F5=B@0FVN 3;N:>78 C
?;072V 70 4>?><>3>N <5B>4V2 V7 3;N:>7>:A8407>N 01> 7 35:A>:V=07>N. &5DC@>:A8< =5 2?;820T =0
287=0G5==O :@50B8=V=C 70 4>?><>3>N 4>A;V465==O 7 ;C6=8< ?V:@0B>
> A;:04C ?@5?0@0BC ?® 2E>48BL ;0:B>70, B> C 0A 2AB0=>2;5=0 =5?5@5=>A8:>=AC;LBC9B5AO 7
;V:0@5<, ?5@H =V6 ?@89<0B8 F59 ;V:0@AL:89 70AV1.

0AB>AC20==O C ?5@V>4 203VB=>ABV 01> 3>4C20==O 3@C44N.

03VB=VABL

:A?5@8<5=B0;L=8E 4>:07V2 5<1@V>?0B8G=>W 01> B5@0B>35==>W 4VW F5DC@>:A8ABV.

>4C20==O 3@C44N

&5DC@>:A8< C =525;8:8E :=F5=B@0FVOE ?@>=8:0T C 3@C4=5 <>;>:, B>4C20==O 3@C44N =0
?5@V>4 ;V:C20==O ?@5?0@0B< A;V4 70AB>A>2C20B8 7 >15@56=VABN.

**40B=VABL 2?;820B8 =0 H284:VABL @50:FVW ?@8 :5@C20==V 02B>B@0=A?>@B< 01> V=H8<8
<5E0=V7<0<8.**

A;V;L:8 ?@5?0@0B <>65 A?@8G8=8B8 70?0<>@>G5==O, ?0FVT=BV2 A;V4 ?>?5@548B8, l> :5@C20B8
02B>B@0=A?>@B< 01> ?@0FN20B8 7 V=H8<8 <5E0=V7<0<8 A;V4 7 >15@56=VABN.

! ?>AV1 70AB>AC20==O B0 4>78.

'CB;82VABL 4> 0=B81V>B8:C ABV 2V4 @53V>=C B0 <>65 71EV4=>ABV A;V4 725@=CB8AO 4> ABV
4> 0=B81V>B8:0.

0728G09 B@820;VABL ;V:C20==O AB0=>28BL 7 4=V2.

;O :@0l>3> 70A2>T==O ?@5?0@0B @5:><5=4CTBLAO ?@89<0B8 ?VA;O W48.

>@>A;V:

@8 1V;lH>ABV V=D5:FV9 250 <3 2 @078 =0 4>1C;

V=D5:FVW A5G>282V4=8E H;OEV2 125 <3 2 @078 =0 4>1C;

V=D5:FVW 48E0;L=8E H;OEV2 A5@54=L>3> ABC?5=O BO6:>ABV (1@>=EVB8) 250 <3 2 @078 =0
4>1C;

1V;lH BO6:V V=D5:FVW 48E0;L=8E H;OEV2 01> ?V4>7@0 =0 ?=52<>=VN 500 <3 2 @078 =0 4>1C;

?VT;>=5D@8B 250 <3 2 @078 =0 4>1C;

=5CA.;04=5=0 3>=>@50 >4=>@07>2> 1 3 ?@5?0@0BC;

E2>@>10 09<0 C 4>@>A;8E B0 4VB59 2V:< 2V4 12 @>:V2 500 <3 2 @078 =0 4>1C ?@>BO3<< 20 4=V2.

&5DC@>:A8< 28?CA:0TBLAO B0:>6 C 283;04V =0B@VT2>W A>;V 4;O ?0@5=B5@0;L=>3>

70AB>AC20==O. &5 40T <>6;82VABL ?@>2>48B8 ?>A;V4>2=C B5@0?VN >4=8< 0=B81V>B8:<< ?@8

?5@5E>4V 7 ?0@5=B5@0;L=>3> 22545==O =0 ?5@>@0;L=5, O:l> 4;O FL>3> T ;;V=VG=V ?>:070==O.

&5DC@>:A8< 4;O ?5@>@0;L=>3> 70AB>AC20==O 5D5:B82=89 ?@8 ?>A;V4>2=>

>A;V4>2=0 B5@0?VO

=52<>=VO: 1,5 3 F5DC@>:A8 =0B@VN 2-3 @078 =0 4>1C (2=CB@VH=L>25==> 01> 2=CB@VH=L<<

O7>2>) ?@>BO3<< 48-72 3>48= 7 ?>40;lH8< 70AB>AC20==O< ?@5?0@0BC ?® ?> 500 <3 2 @078 =0

4>1C ?5@>@0;L=> ?@>BO3<< 7 4=V2.

03>AB@5==O E@>=VG=>3> 1@>=EVBC: 750 <3 F5DC@>:A8 =0B@VN 2-3 @078 =0 4>1C (2

=CB@VH=L>25==> 01> 2=CB@VH=L<< O7>2>) ?@>BO3<< 48-72 3>48= 7 ?>40;lH8< 70AB>AC20==O

< ?@5?0@0BC ?® ?> 500 <3 2 @078 =0 4>1C ?5@>@0;L=> ?@>BO3<< 5-7 4=V2.

"@820;VABL O: ?0@5=B5@0;L=>3>, B0: V ?5@>@0;L=>3> ;V:C20==O 287=0G0NBL7 C@0EC20==O<

BO6:>ABV V=D5:FVW B0 AB0=C E2>@>3>.

VB8

28G09=0 4>70 4;O 4VB59 AB0@H5 2 @>:V2 AB0=>28BL 125 <3 2 @078 =0 4>1C (<0:A8<0;L=0 4>1>20 4>70 250 <3).

;O ;V:C20==O A5@54=L>3> >B8BC 01> 1V;LH 206:8E V=D5:FV9 4VBO< 2V:> 2V4 2 @>:V2 ?@87=0G0NBL ?@5?0@0B C 4>7V 250 <3 2 @078 =0 4>1C (<0:A8<0;L=0 4>1>20 4>70 500 <3).

VBO< 2V:> 4> 2 @>:V2 @5:><5=4CTBLAO ?@87=0G0B8 F5DC@>:A8< 0:A5B8; C D>@ %2>@V ;VB=L>3> 2V:C

!75FV0;L=8E 70AB5@565=L 4;O FVTW 3@C?8 E2>@8E =5<0T. 0AB>A>2CNBL 728G09=V 4>78,<0:A8 <0;L=> 1 3 =0 4>1C.

%2>@V 7 =8@:>2>N =54>AB0B=VABN

&5DC@>:A8< 282>48BLAO 3>;>2=8< G8=>< =8@:0<8. # ?0FVT=BV2 V7 28@065=8< ?>@CH5==O< DC=:FVW =8@>: @5:><5=4CTBLAO 7<5=H8B8 4>7C F5DC@>:A81 :>3> ?>2V;L=VHC 5:A:@5FVN (482. B01;8FN =86G5).

;V@5=A :@50B8=V=C	T1/2 (3>48=8)	5:><5=4>20=5 4>7C20==O
≥30 <:/E2.	1,4 2,4	>@53C20==O 4>78 =5 ?>B@V1=> (70AB>A>2CNBL AB0=40@B=C 4>7C 2V4 125 <3 4> 500 <3 2 @078 =0 4>1C)
10-29 <:/E2.	4,6	!B0=40@B=0 V=482V4C0;L=0 4>70 :>6=V 24 3>48=8
<10 <:/E2.	16,8	!B0=40@B=0 V=482V4C0;L=0 4>70 :>6=V 48 3>48=
?@>4>26 35 <>4V0;V7C	2 4	4=C 4>40B:>2C AB0=40@B=C 4>7C A;V4 70AB>A>2C20B8 ?VA;O :>6=>3> 4V0;V7C

VB8.

>A2V4C 70AB>AC20==O F5DC@>:A8< 4> 3

VBO< 2V:> 4> 2 @>:V2 @5:><5=4CTBLAO ?@87=0G0B8 F5DC@>:A8< 2 V=HV9 ;V:0@AL:V9 D>@

5@54>7C20==O.

5@54>7C20==O F5D0;>A?>@8=>28E 0=B81V>B8:V2 <>65 ?@8725AB8 4> @>728B:C AC4>:A8

>1VG=V @50:FVW.

>1VG=V @50:FVW ?@8 70AB>AC20==V F5DC@>:A8 V <0NBL 2 >A=>2=>1>@>B=89 E0@0:B5@.

>@CH5==O 7 1>:C VW A8AB5<8: 0;5@3VG=V @50:FVW, C B>:C H:V@8 28A8?, :@>?82O=:0, A25@1V6; <548:0<5=B>7=0 30@OG:0, ?@>?0A=8FO, 0=0DV;0:AVO, A8@>20B:>20 E2>@>10. C;8 70@5TAB@>20=V 28?04:8 @<=>W 5@8B5<8, A8=4@=>A=>0, B>:A8G=>3> 5?V45@<0;L=>3> =5:@>;V7C.

(;C=:>2>-.8H:>2V @>7;048: 30AB@>5=B5@>;>3VG=V @>7;048, B0:V O: 4V0@50, =C4>B0, 1;N20==O, 1V;L C 682>BV. @8 BO6:V9 4V0@5W A;V4 1@0B8 4> C2038, I> F5<>65 1CB8 A?@8G8=5=89 0=B81V>B8:0<8 ?A524><5<1@0=>7=89 :>;VB.

52@>;>3VG=V @>7;048: 3>;>2=89 1V;L, 70?0<>@>G5==O.

>7;048 35?0B>1V;V0@=>W A8AB5<8: C ?0FVT=BV2 V7 70E2>@N20==O<8 ?5GV=:8 <>65 A?>AB5@V30B8AL B825 7@>AB0==O @V2=O ?5GV=:>28E B@0=Aa20BFV B0 A8@>20B:>2>3> 1V;V@C1V=C, 6>2BO=8FO, 35?0B8B.

>@CH5==O 7 1>:C A8AB5<8 :@>2V B0 ;VW A8AB5<8: 5>78=>DV;VO, ;59:>?5=VO, =59B@>?5=VO, 7=865==O 35<>3>;1V=C, B@><1>F8B>?5=VO, ?>78B82=89 B5AB C<1A0, 35<>;VB8G=0 0=5 =D5:FVW B0 V=207VW: =04Candida.

"5@ABV. "5@ABV ?® ?> 125 <3, 250 <3 4 @>:8;

?® ?> 500 <3 3 @>:8.

#<>28 715@V30==O.

15@V30B8 2>@83V=0;L=V9 C?0:>2FV ?@8 B5□.

15@V30B8 C =54>ABC?=>

#?0:>2:0.

?® ?> 125 <3, 250 <3 ?> 10 B01;5B>: C 1;VAB5@V, ?> 1 1;VAB5@C C :0@B>==V9 :>@>1FV;® ?> 500 <3 ?> 10 B01;5B>: C D;0:>=V, ?> 1 D;0:>=C C :0@B>==V9 :>@>1FV.

0B53>@VO 2V4?CA:C. 0 @5F5?B>

8@>1=8:.

\$0@<0 =B5@=5H5=0;.

VAF57=0E>465==O 28@>1=8:0 B0 9>3> 04@5A020465==O 4VO;L=>ABV.

;L 0AB0;, @?>@B @>C4, !. 334, ;L 6C109E0 11941, <<0=, >@40=VO.

0O2=8:.

\$0@<0 =B5@=5H5=0;.

VAF57=0E>465==O 70O2=8:0.

!. 334 ;L-6C109E0 11941 <<0=, >@40=VO.