

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

!-□
(NALOXON□-ZN)

!;:04:
4VNG0 @5G>28=0: naloxone;
1 <; @>7G8=C :A>=C 3V4@>E;>@84C 483V4@0BC C ?5@5@0EC20==V =0 100 % @5G>28=C - 0,4 <3;
4>?>28=8: =0B@VN E;>@84, :8A;>B0 E;>@8AB>2>4=520 @>72545=0, 2>40 4;O V=T: FV9.

V:0@AL:0 D>@<0. >7G8= 4;O V=T: FV9.

A=>2=V DV78:>-EVABV: ?@>7>@0 15710@2=0 @V48=0.

\$0@<0:>B5@0?52B8G=0 3@C?0.
=B84>B8. >4 "% V03A B15.

\$0@<0:>;>3VG=V 2;0AB82>ABV.
\$0@<0:>48=0

0;>:A>= T :>=:C@5=B=8< 0=B03>=VAB<>?V0B=8E @5F5?B>@V2 V 2V4=>A8BLAO 4> 3@C?8 B0:
720=8E «G8AB8E» 0=B03>=VABV2 >?V0B=8E @5F5?B>@V2. ;>:CT ?5@5206=> μ-@5F5?B>@8 V,
7024O:8 7=0G=V9 A?>@V4=5=>ABV 7 F8<8 @5F5?B>@0<8, 28BVA=OT =0@:>B8G=V 0=0;35B8:8 7N
4VT =0 V=HV >?V0B=V @5F5?B>@8.
2545==O =0;>:A>=C 70?>1V30T, ?>A;01;OT 01> CAC20T (70;56=> 2V4 4>78 B0 G0AC 22545==O) 5D5:B8
>?V>W4=8E 0=0;35B8:V2, 2V4=>2;NT 48E0==O, 7<5=HCT A540B82=C 4VN B0 59D>@VN, ?>A;01;OT
3V?>B5=782=89 5D5:B.

0;>:A>= CAC20T 4VN H8@>:>W 3@C?8 =0@:>B8G=8E 70A>1V2 O: 03>=VABV2, B0: V 03>=VABV2-
0=B03>=VABV2 >?V0B=8E @5F5?B>@V2: <>@DV=C, 0?><>@DV=C, 35@>W=C, :>45W=C,
483V4@>:>45W=C, ?@><54>;C, <5B04>=C, ?5=B07>F8=C, D5=B0=V;C, 1C?@5=>@DV=C.
@5?0@0B CAC20T F5=B@0;L=V B0 ?5@8D5@8G=V B>:A8G=V A8<8: ?@83=VG5==O 48E0==O,
72C65==O 7V=8FL, C?>2V;L=5==O 28?>@>6=5==O H;C=:0, 48AD>@VN, :><8, 0 B0:>6 0=0;35B8G=89
5D5:B =0@:>B8G=8E 0=0;35B8:V2, :@V< B>3>, 2V= CAC20T B>:A8G=C 4VN 25;8:8E 4>7 0;:>3>;N.
0;>:A>= 5D5:B82=89 B0:>6 ?@8 @>7;040E DC=:FVW 48E0==O ?@8 7B@CT==OE, A?@8G8=5=8E
>?V>W4=8<8 70A>10<8 C ?>T4=0==V 7 10@1VBC@0B0<8, 15=7>4V075?V=0<8 B0 0;:>3>;5
0;>:A>= ?@>2>:CT A8=4@>< 2V4@8E 7 >?V>W4=>N 70;56=VABN.

@5?0@0B =5 2>;>4VT 0=0;357CNG>N 0:B82=VABN, =5 28;:8:0T 48AD>@VW B0 ?A8E> @>728B:C
728:0==O V D>@W 70;56=>ABV.

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

@8 2=CB@VH=L>25==>7?>G8=0TBLAO 265 G5@57 0,5-2 E28;8=8, B@820;VABL 4VW AB0=>28BL 20-
40 E28;8=. @8 2=CB@VH=L><□O7>2> ?V4H:V@=> 2-3 E28;8=8, B@820;VABL 4VW
AB0=>28BL 2,5-3 3>48=8. !5@54=V9 ?5@V>4 =0?V2@>7?04C AB0=>28BL 1-1,5 3>48=8; C
=>2>=0@>465=8E 2V= B@820;VH89 V AB0=>28BL 3 3>48=8. 0;>:A>= <5B01>;V7CTBLAO C ?5GV=FV 7
CB2>@5==O< 3;N:C@>=V4V2. 5B01>;VB8 282>4OBLAO 7 A5G5N. ?;82 ?5GV=:>2>W B0 =8@:>2>W
=54>AB0B=>ABV =5282G5=89. @>=8:0T G5@57 35<0B>5=F5D0;VG=89 V ?;0F5=B0@=89 10@T@8.

;V=VG=V E0@0:B5@8AB8:8.
>:070==O.

5@54>7C20==O >?V>W4V2. ;O CAC=5==O ?@83=VG5==O 48E0;L=>3> F5=B@C, A?@8G8=5=>3>
>?V>W40<8; 4;O 2V4=>2;5==O 48E0==O C =>2>=0@>465=8E ?VA;O 22545==O ?>@>4V;;V >?V>W4=8E
0=0;35B8:V2; O: 4V03=>AB8G=89 70AV1 C E2>@8E 7 ?V4>7@>N =0 >?V>W4=C 70;56=VABL.

@>B8?>:070==O.

V428I5=0 GCB;82VABL 4> :>5=BV2 ?@5?0@0BC.

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

0;>:A>=-CAC20T 0=0;35B8G=C 4VN >?V>W4=8E 0=0;35B8:V2.
?0FVT=BV2 7 >?V>W4=>N 70;56=VABN 22545==O =0;>:A>=C 3V4@>E;>@84C <>65 A?@8G8=8B8 A8
<8 28@065=>W 01AB8=5=FWW (3V?5@B>=VN, ?>@CH5==O A5@F52>3> @8B
@8 >4=>G0A=>AC20==V 0;>:A>=- <>65 7<5=H8B8 0=B83V?5@B5=782=C 4VN ;;>=V48=C.
@8 70AB>AC20==V AB0=40@B=8E 4>7 ?@5?0@0B =5 2V4@V2.
=D>@<0FVO ?@> 270T<>4VN 7 0;:>3>;5< =5>4=>7=0G=0. # ?0FVT=BV2 7 :A8:0FVO<8 C @57C;LB0BV
4VW >?V>W4V2 B0 A540B82=8E 70A>1V2 01> 0;:>3>;N, 70;56=> 2V4 ?@8G8=8 V=B>:A8:0FVW, ?VA;O
22545==O =0;>:A>=C 3V4@>E;>@84C, <>6;82>, 1C45 A?>AB5@V30B8AO <5=H H284:89 @57C;LB0B ?>
CAC=5==N 450:8E 5D5:BV2 :A8:0FVW.
5AC7G8=0<8 ;V:0@AL:8E 70A>1V2, I> 27G8=>< =0B@VN E;>@84C, 5 % @>7G8=>< 45:AB@>78,
AB5@8;L=>N 2>4>N 4;O V='T:FV9.

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

"@820;VABL 4VW 450:8E >?V>W4=8E 0=0;35B8:V2 <>65 ?5@528IC20B8 B@820;VABL 4VW 0;>:A>=C-
, B> V=HV @50=V<0FV9=V 70E>48.
%2>@8< 7 >?V>W4=>N 70;56=VABN =5>1EV4=> 22>48B8 ?@5?0@0B 4C65 >15@56=>, >A:V;L:8
<>6;820 ?>O20 01AB8=5=FWW. C;8 >?8A0=V 3V?5@B>=VO, ?>@CH5==O @8B6 2V4=>A8BLAO 4>
=>2>=0@>465=8E C B0:8E ?0FVT=BV2.
0;>:A>=C 3V4@>E;>@84 <>65 A?@8G8=8B8 3V?>B>=VN, 3V?5@B>=VN, H;C=>G:>2C B0EV:0@4VN,
DV1@8;0FVN B0 =01@O: ;535=V2. &V =5A?@80B;82V 5D5:B8 A?>AB5@V30;8AO ?VA;O >?5@0FVW
=09G0ABVH5 C ?0FVT=BV2, O:V <0NBL A5@F52>-AC48==V 70E2>@N20==O 01> O:V
28:>@8AB>2C20;8 ;V:8, I> A?@8G8=ONBL 0=0;>3VG=V A5@F52>-AC48==V ?>1VG=V 5D5:B8. %>G0
=VO:8E ?@O<8E ?@8G8==>=-0A;V4:>28E 7207:V2 =5 1C;> 28O2;5=>, A;V4 ?@>O2;OB8 >15@56=VABL
?@8 28:>@8AB0==V 0;>:A>=C-□ 4;O ?0FVT=BV2 V7 70E2>@N20==O<8 A5@FO 01> ?0FVT=BV2, O:V
?@89<0NBL :0@4V>B>:A8G=V @5G>28=8, I> 28.:8:0NBL H;C=>G:>2C B0EV:0@4VN, DV1@8;0FVN V
7C?8=:C A5@FO (=0?@8:;04, :>:0W=, <5B0:0B>@8 :0;LFVT28E :0=0;V2, β-1;>:0B>@8, 483>:A8=).
5:A?5@8<5=B0E =0 B20@8=0E 28O2;5=> ?@83=VG5==O D5@B8;L=>ABV B0 2V4ACB=VABL
B5@0B>35==>3> 5D5:BC.

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

>A;V465==O =0 B20@8=0E 28O28;8 @5?@>4C:B82=C B>:A8G=VABL. >B5=V9=89 @878: 4;O ;N48=8
=52V4><89.
?5@V>4 203VB=>ABV ?@5?0@0B ?@87=0G0B8 BV;L:8 B>4V, :>;8 >GV:C20=0 :>@8ABL 4;O<0B5@V
?5@528ICT ?>B5=V9=89 @878: 4;O ?;>40. 0;>:A>=C 3V4@>E;>@84 <>65 A?@8G8=8B8 A8<8
01AB8=5=FWW C =>2>=0@>465=8E <0;N:V2.
52V4><>, G8 ?@>=8:0T =0;>:A>= C 3@C4=5 <>:>:, B>1EV4=>ABV 70AB>AC20==O ?@5?0@0BC
3>4C20==O 3@C44N A;V4 ?@8?8=8B8 01> C=8:0B8 3>4C20==O 3@C44N ?@>BO3<< 24 3>48= ?VA;O
70AB>AC20==O ;V:0@AL:>3> 70A>1C.

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

V4 G0A 70AB>AC20==O 0;>:A>=C-701>@>=OTBLAO :5@C20B8 B@0=A?>@B=8<8 70A>10<8 V
?@0FN20B8 7 V=H8<8 <5E0=V7<0<8.

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

0;>:A>=-70AB>A>2C20B8 2=CB@VH=L>25==> AB@C<8==> (V=T:FVO), 2=CB@VH=L>25==>
:@0?;8==> (V=DC7VO), 0 B0:>6 2=CB@VH=L><07>2>. >7C 2AB0=>2;NT ;V:0@ V=482V4C0;L=> 4;O
:>6=>3> ?0FVT=B0. =CB@VH=L><07>2V V=T:FVW ?@87=0G0B8 C 28?04:0E, :>;8 2=CB@VH=L>25==5
22545==O =5<>6;825.

3>AB@8E 28?04:0E A;V4 =04020B8 ?5@5203C 2=CB@VH=L>25==>AC20==N ?@5?0@0BC, >A:V;L:8
2>=> 70157?5GCT =09H284H89 B5@0?52B8G=89 5D5:B. @8 22545==V 2=CB@VH=L><07>2> 5D5:B
?@5?0@0BC ?@>O2;OTBLAO ?V7=VH5, 0;5 B@820T 4>2H5 (?>@V2=O=> 7 2=CB@VH=L>25==8<
70AB>AC20==O<).

"@820;VABL 4VW =0;>:A>=C 70;568BL 2V4 22545=>W 4>78, H;OEC 22545==O V :>;820TBLAO C<560E
2V4 45 E28;8= 4> 4 3>48=.

A;V;L:8 4VO 45O:8E >?V>W4V2 (=0?@8:;04, 45:AB@>?@>?:A8D5=, 483V4@>:45W=, <5B04>=) B@820T 4>2H5, =V6 4VO =0;>:A>=C, ?0FVT=B8 <0NBL ?5@51C20B8 ?V4 157?5@5@2=8< =03;O4<<, 0 ?>2B>@=V 22545==O ?@5?0@0BC <>6=0 ?@87=0G0B8 BV;L:8 C @07V =5>1EV4=>ABV.

>2=5 01> G0AB:>25 CAC=5==O ?@83=VG5==O 48E0;L=>3> F5=B@C, A?@8G8=5=>3> >?V0B0<8. >@>A;V

>78 287=0G0T ;V:0@ V=482V4C0;L=> 7<5B>N =>@<0;V70FVW DC=:FVW 48E0==O ?@8 ?V4B@8 <0==V 045:20B=>W 0=0;357VW. =CB@VH=L>25==O V=T:FVO =0;>:A>=C C 4>7V 0,1-0,2<3 (?@81;87=> 1,5-3 2 E28;8=8 4> ?>2=>3> 2V4=>2;5==O 48E0==O V A2V4<>>ABV. >40B:>25 22545==O <>65 1CB8 =5>1EV4=8< C ?5@V>4 2V4 1 4> 2 3>48= 70;56=> 2V4 B8?C 4VW 0:B82=>W @5G>28=8 (:>@>B:>G0A=89 5D5:B 01> ?>2V;L=0 4VO), I>4> O:>W =0;>:A>= T 0=B03>=VAB<, WW 70AB>A>20=>W :V;L:>ABV, B@820;>ABV B0 A?>A>1C 22545==O.

;LB5@=0B82=> 0;>:A>=-<>6=0 70AB>A>2C20B8 O: 2=CB@VH=L>25==C V=DC7VN. "@820;VABL 4VW 45O:8E >?V>W4V2 1V;LH0 70 B@820;VABL 4VW =0;>:A>=C, 22545=>3> 2=CB@VH=L>25==> 1>;NA=>. "> ?@83=VG5==O 48E0;L=>3> F5=B@C A?@8G8=5=5 B0:8<8 @5G>28=0<8 01> T ?V4>7@0 =0 F5, =0;>:A>= A;V4 70AB>A>2C20B8 C 283;O4V 2=CB@VH=L>25==>W V=DC7VW. (284:VABL 22545==O 287=0G0B8 70;56=> 2V4 AB0=C ?0FVT=B0, 0 B0:>6 9>3> @50:FVW =0 2=CB@VH=L>25==C V=T:FVN B0 V=DC7VN. !;V4 @>73;O=CB8 <>6;82VABL 157?5@5@2=>W 2=CB@VH=L>25==>W V=DC7VW B0 ?@8 =5>1EV4=>ABV 268B8 70E>48 4;O ?V4B@8<0==O 48E0==O.

VB8

>G0B:>20 4>70 =0;>:A>=C AB0=>28BL 0,01-0,02 <3 =0 1 :3 <0A8 BV;0 2=CB@VH=L>25==> ?@>B03< 2-3 E28;8= 4> ?>2=>3> 2V4=>2;5==O 48E0==O V A2V4<>>ABV. >40B:>2V 4>78 <>6=0 ?@87=0G0B8 7 V=B5@20;>< 1-2 3>48=8 70;56=> 2V4 @50:FVW ?0FVT=B0, 4>78 V B@820;>ABV 4VW >?V0BV2, I> 70AB>A>2CNBLAO.

>AB@5 ?5@54>7C20==O >?V0BV2

>@>A;V

>G0B:>20 4>70 AB0=>28BL 0,4-2 <3 2=CB@VH=L>25==>. /:I> =5 =0AB0T 2V4=>2;5==O 48E0==O, 22545==O A;V4 ?>2B>@8B8 G5@57 2-3 E28;8=8. 0;>:A>=-<>6=0 B0:>6 22>48B8 2=CB@VH=L<<O7>2> (?>G0B:>20 4>70 0,4-2 <3), O:I> 2=CB@VH=L>25==5 22545==O =5<>6;825. /:I> ?@8 22545==V =0;>:A>=C C 4>7V 10 <3 AB0= ?0FVT=B0 =5 ?>:@0I82AO, <>6=0 7@>18B8 28A=>2>;, I> ?@83=VG5==O 48E0;L=>3> F5=B@C A?@8G8=5=5 V=H8<8 G8==8:0<8 01> V=H8<8 ?@5?0@0B0<8, 0 =5 >?V>W40<8.

VB8

5:><5=4>20=0 ?>G0B:>20 4>70 0,1 <3 =0 1 :3 <0A8 BV;0 2=CB@VH=L>25==>. /:I> 1060=>3> 5D5:BC =5 4>AO3=CB>, 4>40B:>2> C 283;O4V V=T:FVW 22>48B8 0,1 <3 =0 1 :3 <0A8 BV;0. 0;56=> 2V4 AB0=C ?0FVT=B0 <>65 1CB8 ?>:070=0 2=CB@VH=L>25==0 V=DC7VO. /:I> 2=CB@VH=L>25==5 22545==O =5 <>6;825, 0;>:A>=-22>4OBL 2=CB@VH=L<<O7>2> C ?>G0B:>2V9 4>7V 0,01 <3 =0 1 :3 <0A8 BV;0, @>7?>4V;5=V9 =0 :V;L:0 22545=L.

V4=>2;5==O 48E0==O C =>2>=0@>465=8E, <0B5@V O:8E >B@8?V>W48

28G09=0 4>70 0,01 <3 =0 1 :3 <0A8 BV;0 2=CB@VH=L>25==>. /:I> ?@8 70AB>AC20==V FVTW 4>78 48E0;L=0 DC=:FVO =5 2V4=>2;NTBLAO, 22545==O <>6=0 ?>2B>@8B8 G5@57 2-3 E28;8=8. @8 =5 <>6;82>ABV 2=CB@VH=L>25==>3> 22545==O 0;>:A>=-22>4OBL 2=CB@VH=L<<O7>2> C ?>G0B:>2V9 4>7V 0,01 <3 =0 1 :3 <0A8 BV;0.

0FVT=B8 ;VB=L>3> 2V:C

0FVT=B0< ;VB=L>3> 2V:C V7 A5@F52>-AC48==8<8 70E2>@N20==O<8 01> ?0FVT=B0<, O:V >B@8 ;>3VG=V ?@5?0@0B8, 0;>:A>=-A;V4 70AB>A>2C20B8 7 >15@56=VABN. !;V4 2@0E>2C20B8 B0:V =51060=V 5D5:B8, O: B0EV:0@4VO V DV1@8;OFVO H;C=>G:V2 C ?VA;O>?5@0FV9=8E E2>@8E ?V4 G0A ?@87=0G5==O 0;>:A>=C-.

>72545==O @>7G8=C

;O 2=CB@VH=L>25==>W V=DC7VW 0;>:A>=-@>72>48B8 0,9 % @>7G8=>< =0B@VN E;>@84C 01> 5
% @>7G8=>< 3;N:>78. 48B8 500 <; >4=>3> V7 707=0G5=8E @>7G8==8:V2 4> >B@8<0==O
:=F5=B@0FVW 3>B>2>3> @>7G8=C 4
5@54 70AB>AC20==O<, 0 B0:>6 ?VA;O @>72545==O =5>1EV4=> ?5@52V@8B8 @>7G8= =0
?@>7>@VABL. 0AB>A>2C20B8 BV;L:8 ?@>7>@89 15710@2=89, 157 2848=8E G0AB8=>: @>7G8=.

VB8.
0AB>A>2C20B8 C ?54V0B@8G=V9 ?@0:B8FV 70 ?>:070==O<8 B0 C 4>70E, 707=0G5=8E 2
V=AB@C:FVW.

5@54>7C20==O.
/8<8: =C4>B0, 1;N20==O, 0@B5@V0;L=0 3V?5@B5=7VO, H;C=>G:>20 B0EV:0@4VO, DV1@8;OFVO
H;C=>G:V2, 7C?8=:0 A5@FO, =01@O: ;535=V2.
V:C20==O: A8<0B8G=5.
;O ?>?5@5465==O ?5@54>7C20==O =5>1EV4=> GVB:> 4>B@8<5=4>20=8E 4>7 ?@5?0@0BC.

>1VG=V @50:FVW.
@8 H284:> 22545==V 0;>:A>=C-<>6CBL 28=8:0B8 @V7=V ?>1VG=V @50:FVW.
I>:C A8AB5<8 B@02;5==O: =C4>B0, 1;N20==O, 4V0@5O, ACEVABL C @>BV.
I>:C A5@F52>-AC48==>W A8AB5<8: 0@8B B0EV:0@4VO, 3V?>B5=7VO, 0@B5@V0;L=0
3V?5@B5=7VO, DV1@8;OFVO H;C=>G:V2, 7C?8=:0 A5@FO.
I>:C F5=B@0;L=>W =5@2>2>W A8AB5<8: B@5<8, 70?0<>@>G5==O, 3>;>2=89 1V;L, =0?@C65=VABL,
3V?5@25=B8;OFVO.
;5@3VG=V @50:FVW: @8=VB, 7048H:0, H:V@=89 28A8?, A25@1V6, :@>?82'O=:0, @<=0 5@8B5<0,
0=3V>=52@>B8G=89 =01@O:, 0=0DV;0:B8G=89 H>:.
=HV: ?>A8;5==O ?VB;82>ABV, ?VA;O>?5@0FV9=89 1V;L, 7@07=5==O ABV=:8 AC48= (?@8
2=CB@VH=L>25==>AC20==V), 4@07=5==O B0 70?0;5==O (?@8 2=CB@VH=L<<□O7>2>AC20==V).
0AB>AC20==O 0;>:A>=C-C 4>70E, 28I8E 70 @5:><5=4>20=V, <>65 A?@8G8=8B8 ?>25@=5==O 1>;N 2
?VA;O>?5@0FV9=89 ?5@V>4 V 71C465==O, 0@B5@V0;L=C 3V?>B5=7VN 01> 3V?5@B5=7VN,
H;C=>G:>2C B0EV:0@4VN, DV1@8;OFVN H;C=>G:V2, =01@O: ;535=V2.
!8=4@>< «2V4?V>W4=>N 70;56=VABN: =5287=0G5=89 1V;L, 4V0@5O, 3V?5@B5@@5O, GE0==O,
?V428I5=0 ?VB;82VABL, =C4>B0, 1;N20==O, 7=5@2>20=VABL, 2B>;N20=VABL, 4@0BV2;82VABL,
B@5<>@, A?07<8 2 5?V30AB@0;L=V9 4V;O=FV, B0EV:0@4VO, A;01:VABL; C =>2>=0@>465=8E AC4>
<8, 4V0@5O, 3V?5@B5@
0AB>AC20==O C B5@0?52B8G=8E 4>70E C E2>@8E, 2 >@30=V7?V>W48, 0;>:A>=C-□, O:
?@028;>, =5 A?@8G8=OT ?>1VG=8E 5D5:BV2.

"5@ABV.
3 @>:8.

#<>28 715@V30==O.
15@V30B8 2 >@83V=0;L=V9 C?0:>2FV ?@8 B5
15@V30B8 C =54>ABC?=>

5AC
@5?0@0B =5AC7G8=0<8 ;V:0@AL:8E 70A>1V2, I>
@5?0@0B ?@87=0G5=89 BV;L:8 4;O >:@5<>3> 70AB>AC20==O.

#?0:>2:0.
> 1 <; 2 010 0@>1FV.
> 1 <; 2 05 02 1;VAB5@8 C :>@>1FV.
> 1 <; 2 0 10 0 1 1;VAB5@C C :>@>1FV.

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

0 @5F5?B>

8@>1=8:.

"<<%0@:V2AL:5 D0@<0F52B8G=5 ?V4?@8T «4>@>2O =0@>4C».

VAF57=0E>465==O 28@>1=8:0 B0 9>3> 04@5A0 20465==O 4VO;L=>ABV.

#:@0W=0, 61002, 20, 41.